

20031021.qrp v03_n080.qrl.20031021

Date: Tue, 21 Oct 2003 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3080

QRP-L Digest 3080

Topics covered in this issue include:

- 1) [159737] New CQC P.O. Box
by Roger J Wendell <zeekzilch@juno.com>
- 2) [159738] Re: ARCI QSO Party
by "Ron Polityka" <wb3aal@verizon.net>
- 3) [159739] Re: mobile wiring help needed
by "Ben Pfeiffer" <bpfeiffer@tusco.net>
- 4) [159740] Re: LCD spec sheet
by "w8diz" <w8diz@cinci.rr.com>
- 5) [159741] Re: [fpqrp] Atomic Clocks AGAIN LOL
by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
- 6) [159742] Re: Stolen from the Hammarlund Mailing List
by "JessMX5" <jessmx5@earthlink.net>
- 7) [159743] For sale list
by ham@w3eax.umd.edu
- 8) [159744] Re: running out of time SEMI
by "wa8jpr" <wa8jpr@comcast.net>
- 9) [159745] Life after BPL
by "Rod N0RC" <rod@n0rc.us>
- 10) [159746] Re: audio taper pots?
by Garey Barrell <k4oah@mindspring.com>
- 11) [159747] Re: running out of time SEMI
by "John J. McDonough" <wb8rcr@arrl.net>
- 12) [159748] BPL
by Joel M Denison <hamjoel@juno.com>
- 13) [159749] Re: running out of time
by Lloyd Lachow <llachow@yahoo.com>
- 14) [159750] *** 300 ohm feedline source ***
by AA3BP@aol.com
- 15) [159751] Re: Life after BPL
by Bruce Muscolino <w6toy@erols.com>
- 16) [159752] AOL users
by "John Paul Keon" <jpkeon@nc.rr.com>
- 17) [159753] Re: [OT] Machinist's Question
by "Mike Yetsko" <myetsko@insydesw.com>
- 18) [159754] Re: BPL
by "Charles W3KC" <w3kc@starpower.net>
- 19) [159755] Re: QSK (was QST review IC-703 Plus...)

- by Dan Presley <dpresley1@comcast.net>
- 20) [159756] Re: OT: running out of time SEMI
by <bill@n4qa.com>
- 21) [159757] Re: *** 300 ohm feedline source ***
by "Mike Yettsko" <myetsko@insydesw.com>
- 22) [159758] Re: Life after BPL
by Bob KB2FEL <kb2fel@yahoo.com>
- 23) [159759] RE:Pacificon
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 24) [159760] Re: Life after BPL
by "Bill Rowlett" <kc4atu@hotmail.com>
- 25) [159761] Need Testers for new Ham Software
by "Jason Milldrum" <jason@recursiv.com>
- 26) [159762] DD-1 Frequency Counter/ Digital Dial
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 27) [159763] QRPacificon Proceedings are available
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 28) [159764] Re: fs: BLT original unbuilt SOLD
by pmurphy <w6wy@citlink.net>
- 29) [159765] RE: Life after BPL
by Adam Farson <farson@shaw.ca>
- 30) [159766] Anyone know whatever happened to S&S Engineering?
by J <W7LS@blarg.net>
- 31) [159767] Re: AOL users
by "John Huffman" <hjohnc@core.com>
- 32) [159768] Re: *** 300 ohm feedline source ***
by "Pastor-kc1di" <elbc2@gwi.net>
- 33) [159769] Re: BPL
by "John" <johndorson@worldshare.net>
- 34) [159770] OT: FS Equipment
by "Jim Sheldon" <w0eb@cox.net>
- 35) [159771] Michigan QRP Net
by kwike@gdls.com
- 36) [159772] FS: Red Hot NorCal 20
by "Jeff Imel" <jeffimel@hotmail.com>
- 37) [159773] Re: running out of time SEMI
by "Tony Martin W4FOA" <w4foa@comcast.net>
- 38) [159774] Re: AOL users
by Karl Larsen <k5di@zianet.com>
- 39) [159775] Kenwood TS-870
by Karl Larsen <k5di@zianet.com>
- 40) [159776] Re: running out of time SEMI
by "John J. McDonough" <wb8rcr@arrl.net>
- 41) [159777] Re: Life after BPL
by "Rod N0RC" <rod@n0rc.us>
- 42) [159778] AOL problem in the process
by "John Paul Keon" <jpkeon@nc.rr.com>
- 43) [159779] Re: AOL problem in the process

by w9ya <w9ya@arrl.net>
44) [159780] Re: *** 300 ohm feedline source ***
by k2zn@rochester.rr.com
45) [159781] Re: *** 300 ohm feedline source ***
by "Doc - W5TB" <w5tb@arrl.net>
46) [159782] Re: BPL
by bobw4zy@comcast.net
47) [159783] Great time at Pacificon
by "Joe Porter" <jporter@cottey.edu>
48) [159784] Re: BPL
by Bruce Muscolino <w6toy@erols.com>
49) [159785] Re: Red Hot NorCal 20
by "Jeff Imel" <jeffimel@hotmail.com>
50) [159786] Single Sideband FM
by kizerian@xmission.com
51) [159787] Re: running out of time SEMI
by Wayne_W5KDJ <w5kdj@juno.com>
52) [159788] November 2003 QST receiver article
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
53) [159789] FT-817 for sale....
by Punkymcd@pacbell.net
54) [159790] RE: Single Sideband FM
by "Stephen Finch" <stevef88@msn.com>
55) [159791] Re: November 2003 QST receiver article
by Bob Patten <n4bp@bellsouth.net>
56) [159792] Re: Life after BPL
by "George, W5YR" <w5yr@att.net>
57) [159793] RE: *** 300 ohm feedline source ***
by "Hal Schlotfeld" <kc0bdw@hotmail.com>
58) [159794] Newbie homebrew qrp transmitter update
by John_Sandin@osca.state.mo.us
59) [159795] FS: QRP, QRO and Misc
by Mark Schoonover <schoon@amgt.com>
60) [159796] Walgreen Clock
by Marv Fagenson <k6hcj@juno.com>
61) [159797] RE: [fpqrp] BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
62) [159798] RE: Life after BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
63) [159799] RE: Life after BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
64) [159800] RE: Life after BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
65) [159801] ozarkcon
by K4BYF@aol.com
66) [159802] Re: Newbie homebrew qrp transmitter update
by "Howard Kraus" <K2UD@adelphia.net>
67) [159803] Re: BPL

by "Larry Spinner" <n2icz@hotmail.com>
68) [159804] BLT Cancel my want
by "john gabbard" <johngabbard@usintouch.com>
69) [159805] Re: ozarkcon
by John Sielke <jsielke@pobox.com>
70) [159806] RE: BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
71) [159807] Re: Newbie homebrew qrp transmitter update
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
72) [159808] You're all failing in BPL....
by "Ron Pyle" <raple@gwtc.net>
73) [159809] Re: You're all failing in BPL....
by "John J. McDonough" <wb8rcr@arrl.net>
74) [159810] Re: You're all failing in BPL....
by "Ron Pyle" <raple@gwtc.net>
75) [159811] PowerFilm Solar Panels
by Steve.Lawrence@ITWFEG.COM
76) [159812] Sunspot
by Chuck Adams <k7qo@commspeed.net>
77) [159813] xtals wanted
by "Oleg V. Borodin" <master72@lipetsk.ru>
78) [159814] Letter from my Senator
by "n3drk" <n3drk@triad.rr.com>
79) [159815] Bouncing emails
by "Doug Hendricks" <ki6ds@dpol.net>
80) [159816] Re: homebrew paddles
by Mr Mike Caughran <kl7r@yahoo.com>
81) [159817] Winter FOX Update
by "Doc K0EVZ" <dock0evz@earthlink.net>

Date: Mon, 20 Oct 2003 16:53:43 -0600
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@yahoogroups.com, qrp-l@Lehigh.EDU
Cc: dick@sourcemediaarts.com, k6ls@amsat.org, v31ry@ix.netcom.com,
aa0rq@hotmail.com, n1fn@mtechnologies.com, w0hep@aol.com
Subject: [159737] New CQC P.O. Box
Message-ID: <20031020.165346.3248.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please note that the Colorado QRP Club (CQC)
has a new address for surface mail:

Colorado QRP Club

P.O. Box 17174
Golden, Colorado
80402-6019 USA

All contest logs, dues and other surface mail
items will be accepted at this address.

Tnx es 72s!

Roger
WB0JNR
CQC Webmaster and Treasurer
<http://www.cqc.org>

-

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Mon, 20 Oct 2003 19:05:11 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159738] Re: ARCI QSO Party
Message-ID: <000f01c3975e\$9db80a30\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oooooops, I meant to say 250 mW.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

----- Original Message -----

From: "Ron Polityka" <wb3aal@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 6:06 AM
Subject: ARCI QSO Party

> Hello,
>
> Well in between doing a roof this weekend I did manage to operate the
> contest. Only got to work 5 hours in the contest but I did manage 45 Q's.
>
> QSO Pts x Mult x Pwr =
>
> 245 x 36 x 15 = 132,300
>
> Yep, I was running 25 mW and it worked great, even with bad band
conditions.
>
> Thanks to all those Great operators that pulled me out of the mud.
>
> 72 and Thanks,
> Ron Polityka
> WB3AAL
> www.n3epa.org/
>
>
>

Date: Mon, 20 Oct 2003 19:21:54 -0400
From: "Ben Pfeiffer" <bpfeiffer@tusco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159739] Re: mobile wiring help needed
Message-ID: <000b01c39760\$f399bfa0\$b7ae0540@benpfeif>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, I run my 30 watt 2 meter rig from the cigarette lighter and my GPS
from the accessory socket beside it in my Grand Cherokee with no problem.
Should work easily for a QRP rig. My problem is I can't find an easy way to
mount my Comet HF antenna on the Grand Cherokee without drilling a hole in

the body.

72...de...ka8lle...Ben

Date: Mon, 20 Oct 2003 19:25:45 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [159740] Re: LCD spec sheet
Message-ID: <004a01c39761\$7cd806a0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve, here you go...

<http://home.nikocity.de/woe/lcd/lm032.pdf>

Anyone need any, I have some...

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 6:04 PM
Subject: LCD spec sheet

I have a LM032XMBL display any one have a spec sheet?

Steve

----- Original Message -----

From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 20, 2003 4:15 PM
Subject: Re: audio taper pots?

> Hi Dave,

>

> If the pot is truly a LOG pot for AUDIO then I think it is
> the log base 10 times (10 times the percentage of rotation)

> So the $\log(10)$ of 20 percent rotation is about 0.301
> or .301 time the total R of the pot.
> Turn a 10 K pot about 20 pct and the R should be about 3K
>
> Someone correct me :) Been a long time for since LOG math.
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
> RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>
>
>
> ----- Original Message -----
> From: "David Hinerman" <WD8CIV@worldnet.att.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, October 20, 2003 3:25 PM
> Subject: audio taper pots?
>
>
> Folks,
>
> Does anyone have a formula relating rotation to resistance in an audio
taper
> pot?
>
> Dave
>
> -----
> David Hinerman WD8CIV
> wd8civ@worldnet.att.net
>
>

Date: Mon, 20 Oct 2003 16:31:31 -0700
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: <raple@gwtc.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [159741] Re: [fpqrp] Atomic Clocks AGAIN LOL
Message-ID: <057001c39762\$4f67d5a0\$0f18a140@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

dont forget your smoke detector battery either

----- Original Message -----

From: "Ron Pyle" <raple@gwtdc.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, October 20, 2003 3:22 PM

Subject: Re: [fpqrp] Atomic Clocks AGAIN LOL

> > WALGREENS has ON SALE 'again' an Atomic Clock at \$9.99

>

> I need one of those. Last night, I got my piggy tail in a frenzy and
> changed all my clocks. Then I found out it isn't supposed to be until next
> week. So I'm living here with all my clocks one hour ahead. I'm too lazy
to

> change my clocks more than twice a year. So don't bother to tell me to
> change them back.

>

> Ron

> KC0QXU

> FP-682

Date: Mon, 20 Oct 2003 17:33:45 -0600

From: "JessMX5" <jessmx5@earthlink.net>

To: <w9ya@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [159742] Re: Stolen from the Hammarlund Mailing List

Message-ID: <004f01c39762\$9bb25250\$7f01a8c0@Jess>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would beg to differ that you may NOT be a ham by these defenitions.

Jess

----- Original Message -----

From: "w9ya" <w9ya@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, October 20, 2003 10:03 AM

Subject: Stolen from the Hammarlund Mailing List

>

> 1. You may be ham if you think erecting a vertical is a sexual position!

>

> 2. You may be a Ham if you think a dummy load is a pickup truck full of

> relatives!
>
> 3. You may be a Ham if you wonder how a horse named Black Beauty got
soldered
> into your radio!
>
> 4. You may be a Ham if you think horizontal polarity is sleeping on the
floor
> with a fence post for a pillow!
>
> 5. You may be a Ham if you turn down the pitch control when your XYL
complains
> about you parting out her electric broom!
>
> 6. You may be a Ham if you won't let your teenage daughter date any male
who
> can't spell 'resist-her'!
>
> 7. You may be married to a Ham if you ask him to change a burned out bulb
and
> he
> tries to stick VOM probes in your mouth!
>
> 8. You may be married to a Ham if you rent the movie 'Short Circuit' and
he
> thinks it is an electronics video!
>
> 9. You may be dating a Ham if he takes you shopping for an engagement ring
at
> Radio Shack!
>
> 10. You may be a Ham if your wife sends you to the store to get some
ground
> steak and you come back with your arms full of eight foot copper pipes!
>
> Duane Fischer, W8DBF
> NCS: Hallicrafters Collectors International
>
> *****
> Pisssttttt: Duane doesn't know I stole this, so don't mention where ya go
it,
> if he asks.....Just keep this our little secret 'tween just you and me.
>

Date: Mon, 20 Oct 2003 19:33:02 -0400 (EDT)
From: ham@w3eax.umd.edu
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>,
Laurel ARC <larc-l@webtrek.com>, <w7pxl@valleyradioclub.org>
Subject: [159743] For sale list
Message-ID: <Pine.LNX.4.44.0310201932430.9637-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi everyone -

I made a few swaps and ended up with some odds and ends.

HF Radio

Oak Hills 500, 80-40-30-20-15m CW rig. Excellent shape.
Price? Not sure. Was asking \$350...

CODE STUFF

Vectronics CK200 electronic keyer, similar to MFJ-407

\$45

Heathkit HD-1416 code oscillator, green \$22

HF TUNERS & WATTMETERS & OTHER STUFF

Ten-Tec Model 238 2kW antenna tuner, great shape. \$345

BUD LF601A adjustable lowpass (52-72 ohms) - have 2, one with box. Offer!

LDG Z11 QRP autotuner, built and tested \$135

MFJ-949E HF tuner w/dummy load, exc. cond. \$105

MFJ-941E HF tuner, exc. cond. \$80

VHF RADIOS, AMPS, and ACCESSORIES

Mirage B-108, 10w in 80w out \$100

Radio Shack HTX-212 50w 2m mobile FM, excellent condition,
in box w/manual, mic. \$110

Radio Shack HTX-202, not working (PLL unlock, I think)
\$20

Alinco FJ-F1T extended receive 2m HT, good shape. Battery dead. \$60

MFJ-208 2m (and beyond) SWR tester, compact \$50

Mirage B34 35w 2m amp \$45

Radio Shack HTX-202, 2m HT, working and in good shape
\$70

Radio Shack HTX-404, 440 HT, working and in good shape

\$75
Mirage B108 2m 80w amp, SSB/CW, set up for ext. keying relay
\$90
MFJ-9406X 6m SSB Radio w/mic, manual, in great cond.
\$150
MFJ-416 CW adaptor for 94xx series radios \$33
Icom CP-13 filtered power cord mk offer

Offers and package deals considered.

Thanks for reading.

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Mon, 20 Oct 2003 20:22:59 -0400
From: "wa8jpr" <wa8jpr@comcast.net>
To: <aa8vs@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159744] Re: running out of time SEMI
Message-ID: <002601c39769\$7cb65430\$3eaa3c44@cc811568b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Charles

I agree totally with your point. I sent e-mails to my representative and both Senators. Real easy. I hope everyone will do likewise. We need to let them know how we feel.

73 Bill WA8JPR

Date: Mon, 20 Oct 2003 18:33:44 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@Lehigh.EDU>, "cqcl-1" <CQCLIST@yahooogroups.com>

Subject: [159745] Life after BPL
Message-ID: <000501c3976a\$feb8fe50\$6401a8c0@bigdog>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I'm not hopeful WRT to this BPL thing. In our society money speaks, and there seems to be a lot of money and big business behind BPL. With the assumption that BPL does go active, I ask what shall we do?

1. The obvious least desirable answer is to give up radio and find a new hobby. Let us not discuss this option.
2. CW QRP from home with compromise antennas. (attic etc.) I think this will be a case-by-case decision based on QTH conditions. From what is know so far, can we expect QRP signals to be heard? My personal feeling speaking with respect to my QTH--I'm doomed. :-)
- 2a. CW QRP from remote country locations. I think this will be one answer for myself. Fortunate for me I live in the American west, and can get to some nice remote locations in relatively short time. But if nobody can hear me....
3. Higher power CW with compromise antennas, again this will likely vary from one QTH to another. But thinking about some worst case scenarios what power levels may be required to break though the S/N ratio?
4. For those fortunate to have good outdoor antenna installations, what can be expected from QRP/QRO sigs.
5. My SWAG is that digital modes, PSK-31, and any other modes that can benefit significantly from DSP may be the answer.

Can't speak much to SSB, I'm just not familiar enough with it. But it should be considered for those that enjoy that mode.

Your thoughts....?

73, Rod N0RC

Date: Mon, 20 Oct 2003 20:47:40 -0400
From: Garey Barrell <k4oah@mindspring.com>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159746] Re: audio taper pots?
Message-ID: <3F94822C.90006@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Jim -

This is what is referred to as a "Commercial Log" taper and does indeed usually consist of a linear section from 0 - 120 degrees (half rotation) equal to ~10% of the total resistance and then a second linear section from 120 - 240 degrees that is equal to the other 90%.

There is often a discontinuity at the "break" that is audible on the cheaper ones.

73, Garey - K40AH
Atlanta

James R Giammanco wrote:

> Most of the ones for which I've been able to find an R vs rotation curve
> only approximate the log response function with two or perhaps three
> straight line segments. What the math teachers called a "piecewise linear
> approximation." It's actually not bad at all if three segments are used,
> and acceptable with only two.

>
> Try plotting out a graph $y = \log(x)$, or perhaps $y = 10^x$ [the same as
> $\log(y) = x$] might be easier, and then eyeballing two line segments to
> match the curve as close as possible.

>
> So think of the "10% of R at 50% rotation" example as two line
> segments, from zero to the 10% R, 50% rotation point, then another from
> the 10% R, 50% rotation to the 100% R, 100% rotation point. When plotted,
> it's something of an approximation of the exponential curve.

>
> 72
> Jim N5IB

>
>

> On Mon, 20 Oct 2003 17:03:49 -0400 "David Hinerman"
> <WD8CIV@worldnet.att.net> writes:
>
>>That's what I thought, but most descriptions I can find claim that at
>>50%
>>rotation (centered) the resistance is 10% of the total from the wiper
>>to one
>>end and 90% to the other.
>

Date: Mon, 20 Oct 2003 20:51:56 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <wa8jpr@comcast.net>
Subject: [159747] Re: running out of time SEMI
Message-ID: <00d501c3976d\$873b3660\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bill

I sent a long note to Camp, who isn't on board and is on the infrastructure and emergency preparedness committees, and really should "get it". I sent a note to Levin thanking him for signing on. I should send something to Stabenow who was an early adopter.

BTW, if you can go to the state convention, you should try. Not only is it a rare chance to join the ROWH, but there will be some excitement. Plus, it's always interesting hearing Weaver talk.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "wa8jpr" <wa8jpr@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 20, 2003 8:22 PM
Subject: Re: running out of time SEMI

> Charles

>

> I agree totally with your point. I sent e-mails to my representative and
> both Senators. Real easy. I hope everyone will do likewise. We need to
let
> them know how we feel.
>
> 73 Bill WA8JPR
>
>
>

Date: Mon, 20 Oct 2003 20:58:46 -0400
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-1@fpqrp.com, qrp-1@Lehigh.EDU
Subject: [159748] BPL
Message-ID: <20031020.205847.-282125.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BPL and the Day the Wetlands cried
Was an interesting morning in the marsh today...I got in my pirogue and
poled my way to the widest and wildest area of the swamp and marsh that I
could think of.... just a bit before daylight....
At daylight I played taps on an endless tape and on another tape I played
a llist of all the silent keys calls I could find, in cw....after
adjusting the tapes for the right volume, I walked the marsh and listened
and watched...

U kneaux the wilderness understood... I could tell by the way the grass
swayed in the morning breeze and the Spanish moss caressed the cypress
trees, many long departed but still standing... a silent sentinel of days
gone by... the birds as if by cue, would have one or two birds fall out
of formation and fly behind the rest as they passed over the
speakers....The deer would stop and listen, as if reminded of something
wild and wonderful.... and dropping their heads, would slowly walk on
by...

With the dawn came a light rain which would last all day.... mother
nature was remembering too... for mother nature is no stranger to the
passing of an era in the life of mankind...I heard some soft thunder roll
in the distance as if angels were crying over simpler times coming to
and end...

Then the cw stopped and the sound of taps played once more and all was
silent and I thought of BPL, could this be the final nail in the coffin
of HF...

I picked up my equipment and poled back home, tears streaming down my

face...
Displaced Cajun Lad

Joel M Denison po box 542
7mill street Strong, Maine
04983 (KE1LA)

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Date: Mon, 20 Oct 2003 18:00:34 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159749] Re: running out of time
Message-ID: <20031021010034.7578.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- wa8jpr <wa8jpr@comcast.net> wrote:
> Charles
>
> I agree totally with your point. I sent e-mails to
> my representative and
> both Senators. Real easy. I hope everyone will do
> likewise. We need to let
> them know how we feel.

Me too, me too, it was, me too, we sure do!

LL

=====
73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

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Date: Mon, 20 Oct 2003 21:09:33 EDT
From: AA3BP@aol.com
To: qrp-l@lehigh.edu
Subject: [159750] *** 300 ohm feedline source ***
Message-ID: <9d.3ff5eaa5.2cc5e14d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm looking for a source for 300 ohm ribbon line. In particular, I seek the quality foam filled variety and NOT the cheap-o plastic version. Couldn't find it at my local RS store. Even came up dry at Radio Works. Suggestions welcome.

(I know that 450 ohm ladder line is better, but for my situation I must use 300 ohm.)

Thanks & 73,

Jim
AA3BP
Mechanicsburg, PA

Date: Mon, 20 Oct 2003 21:40:36 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: rod@n0rc.us
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [159751] Re: Life after BPL
Message-ID: <3F948E94.6A3F25EE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod,

You raise a ;ot of questions but you don't provide any answers. I agree with you on one point; we have to experience BPL on a QTH by QTH basis. It will depend on how far we are from power lines. For example, the power lines where I live are mostly buried. The closest high tension

lines are about 5 miles away. Will any of my neighbours take the service? I don't know!

Is this the end of QRP AS WE KNOW IT? Probably, at least for users of simple equipment. Their revivers do not have the strength to cope. Note" I am not speaking to the k2. It has sufficient bells and whistles to cope.

What difference will QRO make? Not very much, I think. There is only 10 db or so difference between QRP and QRO. Since the industry is asking for a 10 db relief to Part 15 rules, I think that will go away.

How about SSB. Since SSV hurts my ears, I think it will be hurt as bad as other modes. Perhaps digital modes can beat the system, we'll see.

Operating from certain portable locations may help, but I would want some indication of where the power lines run. Remember, we want to use rural locations. Those are exactly the ones that BPL is intended to serve!

Those are my thoughts. Now it's someone else's turn...

73

Date: Mon, 20 Oct 2003 21:52:03 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159752] AOL users
Message-ID: <01be01c39775\$ee06d9a0\$6501a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I just found out tonight that aol users cannot get mail from my ISP. They (aol) have cut off all non-aol users from sending mail to aol customers. EVEN though aol and roadrunner are owned by time warner. Oh, well, this will definitely cut down on the bandwidth for some of us.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
<http://www.knightlites.org>
"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Date: Mon, 20 Oct 2003 21:48:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k7qo@commspeed.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159753] Re: [OT] Machinist's Question
Message-ID: <004101c39775\$968d0d20\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Have the need to make small grooves for marking HB knobs.
> Either angular marks on the front and or long marks on the edge
> that the grimy little fingers touch.
>
> How do you get these fine grooves?

You know, I'm seeing a LOT of 'laser etch' stuff around now. From the slide on one of my pistols to a wild looking award plaque. And yes, the precision and fine workmanship is amazing.

I know the pistols are 'mass produced' but the plaques seem to be 'one ups' that get done for reasonable fees. Maybe you could make a deal or at least find out how the awards people get them done and try to contact someone with the laser machine. Who knows, maybe pick up the laser at an industrial yard sale and do it yourself.

I know, sounds silly. But if the government can get caught dumping bio-weapons equipment on the surplus market for pennies on the dollar in the last few weeks...

> Secondly? Any ideas on using a Rapidograph lettering set
> to guide a bit? Along the lines of the plastic template critter
> you see at swapmeets to make badges. First thought was to
> machine an attachment that uses a small CD motor used in
> electric airplanes. Something not too large and some what easy
> to push around on a metal surface to a fixed depth. Using the
> smallest of bits possible.....

Years ago in Dallas I saw a company that had mounted the equivalent of a Dremel in place of a pen on a router...

They were touting it as an aid to quickly make 'one ups' of circuit

boards. But it might be something you could actually rig up at home...

Date: Mon, 20 Oct 2003 22:05:41 -0400
From: "Charles W3KC" <w3kc@starpower.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159754] Re: BPL
Message-ID: <001701c39777\$d4e9cb60\$65052c42@w3kc>

I think I will make some tape recordings of the CW bands some of these crisp fall nights when the QRN is low and the signals are plentiful, pure, and a delight to the ear. They should make for nostalgic trips down memory lane for post BPL implementation listening. Maybe I'll donate a copy to the Smithsonian Museum of American History.

72 de Chas W3KC

Joel said:

> Then the cw stopped and the sound of taps played once more and all was
> silent and I thought of BPL, could this be the final nail in the coffin
> of HF...
> I picked up my equipment and poled back home, tears streaming down my
> face...

Date: Mon, 20 Oct 2003 19:01:42 -0700
From: Dan Presley <dpresley1@comcast.net>
To: qrp-l@lehigh.edu
Subject: [159755] Re: QSK (was QST review IC-703 Plus...)
Message-ID: <p0501040abbba413f8de7@[192.168.123.131]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Isn't it interesting that the two best CW rigs ever made are American-Ten Tec & Elecraft, and the K2 is now at \$579, and you can pick up a used T-T Corsair II (arguably their best analog cw rig) for about \$5-700 used. Best qsk, sensitivity, selectivity, etc. It's hard for some guys to admit that the best rigs out there don't command the highest price :). If you want a foreign rig, check out the Yaesu FT 102 (if you can find one) a top flight cw rig when it's aligned properly.

As for QSK, there's no reason not to have it in a modern QRP rig

especially when you can have it in Elecraft, Ten Tec, Small Wonders and almost every other high performance radio. I don't miss the days when I would carry on for 15-20 minutes rag chewing while the band changed, or the phone rang on the other end, and you'd turn it back over to silence.....

--

Dan Presley-N7CQR-Portland, Or QRP-L #502
n7cqr@arrl.net

Date: Mon, 20 Oct 2003 22:03:52 -0400
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>
Subject: [159756] Re: OT: running out of time SEMI
Message-ID: <002c01c39777\$948432e0\$2425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re: HR 713 and S 537, respectively.

Sent message to U.S. Representative Rick Boucher of the 'fighting ninth' congressional district of Virginia,
and to U.S. Senators from Virginia, George Allen and John Warner.

Gee, that WAS easy!

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Mon, 20 Oct 2003 21:57:24 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <AA3BP@aol.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159757] Re: *** 300 ohm feedline source ***
Message-ID: <007901c39776\$c151bb40\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm looking for a source for 300 ohm ribbon line. In particular, I seek

the
> quality foam filled variety and NOT the cheap-o plastic version.
Couldn't
> find it at my local RS store. Even came up dry at Radio Works.
Suggestions
> welcome.

A company store or a franchise?

I'd better check, cause I like to use the 'good stuff' too. I feed my 40M dipole with 300 twinlead.

Years ago I know RS sold stuff that was actually shielded. BAD stuff to use for a transmit antenna.

They also sold some foam stuff that looked like normal 300 (ie a 'rib' on each side with a flat middle) but if you sliced it off, it looked like there was a 'sandwich' of foam in the middle. I haven't seen that stuff for quite some time either.

The stuff I'm currently using is I think 18ga, which is fairly heavy, with brown plastic. When you slice it, it's just homogenous plastic, no foam layer. I've had that one up now for 2 years, and still works great. I used 18ga speaker wire for the two elements. I cut the 'clear' zip cord to length, then pulled it apart to a single wire for each leg.

When I go camping and drag the K2 along, I have the exact same setup to 'throw in the trees', only the twinlead is the REAL light duty stuff from RS.

Looks to be 22 or 24 ga wire in the twinlead. And the 'zip' wire I used is 24ga. Makes for a lighter easier to 'throw up' antenna. And it's ok, as it will never be up for more than a week at a time.

Mike

Date: Mon, 20 Oct 2003 19:07:17 -0700 (PDT)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Cc: rod@n0rc.us
Subject: [159758] Re: Life after BPL
Message-ID: <20031021020717.83053.qmail@web80605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Rod,

Rod, you mentioned a few different operating modes and methods that may be a thing of the past. I agree with you that those items listed will be effected. To my mind, it will not only be those items listed but many others.

As HF operators of any mode, we are only successful if the propagation is there. I would think BPL noise will be carried by good propagation in the same way our radio signals are. With that being said, there will be no mountain top, no far away spot in the woods, no place on any ocean that will not be effected by the carried radiated noise from Power Line Broad Band. We as QRP operators, know how far the smallest signal can be sent.

If propagation does carry the noise, it will not only be us, the amateur community who will be effected but military, commercial and public services alike.

I can only hope and trust, the people making the decisions will see the problem in the same way the Japanese have. The Japanese have band all BPL operations because of radiated signals.

Just my thoughts

72
Bob

KB2FEL/8

Keeping count of how many QRP CW contests we have left.

--- Rod N0RC <rod@n0rc.us> wrote:
> Folks,

>
> I'm not hopeful WRT to this BPL thing. In our
> society money
> speaks, and there seems to be a lot of money and big
> business
> behind BPL. With the assumption that BPL does go
> active, I ask
> what shall we do?
>
> 1. The obvious least desirable answer is to give up
> radio and
> find a new hobby. Let us not discuss this option.
>
> 2. CW QRP from home with compromise antennas. (attic
> etc.) I
> think this will be a case-by-case decision based on
> QTH
> conditions. From what is know so far, can we expect
> QRP signals
> to be heard? My personal feeling speaking with
> respect to my
> QTH--I'm doomed. :-)
>
> 2a. CW QRP from remote country locations. I think
> this will be
> one answer for myself. Fortunate for me I live in
> the American
> west, and can get to some nice remote locations in
> relatively
> short time. But if nobody can hear me....
>
> 3. Higher power CW with compromise antennas, again
> this will
> likely vary from one QTH to another. But thinking
> about some
> worst case scenarios what power levels may be
> required to break
> though the S/N ratio?
>
> 4. For those fortunate to have good outdoor antenna
> installations, what can be expected from QRP/QRO
> sigs.
>
> 5. My SWAG is that digital modes, PSK-31, and any
> other modes
> that can benefit significantly from DSP may be the
> answer.
>

> Can't speak much to SSB, I'm just not familiar
> enough with it.
> But it should be considered for those that enjoy
> that mode.
>
> Your thoughts....?
>
> 73, Rod NØRC
>
>
>
>

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Date: Mon, 20 Oct 2003 21:55:01 -0500
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [159759] RE:Pacificon
Message-ID: <011801c3977e\$b9272650\$5dc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This was my first trip to Pacificon and it will not be my last. Doug and theNorCal crew put on one great show. It was great meeting all the great QRP people.

The speakers were great and the topics just what I needed.

It was great meeting Steve 'Melt Solder' Weber who has done so much for the 4SQR Group. His award was well earned.

Friday and Saturday night get together were outstanding. The CW QSO Friday night was a lot of fun. If you have not checked out James Bennett's PAC 12 commercial vertical antenna you are missing something. He had a new dipole at the show and has plans for much more. Plus his price is low. Doug Hauff was there with a great selection of small keys. Boy do they ever have a nice feel to them. Got to save my money for one of those.

AmQRP gave the 4SQR Group space at their table and we sold a lot of the Tenna Dipper kits. I just did not bring enough with me. We sold out and had a lot of people wanting one. Each one that missed out on the kit got a card to order one. Thanks Steve Weber you gave us a big winner with your Tenna Dipper kit.

The compendium is just outstanding this year.
Thanks again Doug for all the work that you and your crew did putting
Pacificon on. See you all at Ozarkcon
April 9 and 10, 2004 in Joplin, Mo.
72
Gene NOMQ

Date: Tue, 21 Oct 2003 02:55:29 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: rod@n0rc.us, qrp-1@Lehigh.EDU
Subject: [159760] Re: Life after BPL
Message-ID: <Law15-F11Frydlb9rXg0001c01d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, as I understand it, life after is now. Under part 15, BPL can be
activated. The companies are asking for more power, but under the present
power limits, it can be activated. This is what is happening in the Manassas
area of Virginia.

At a local club meeting tonight in northern Virginia, it was brought up
about getting our "Tree Hugging friends" involved here. They are always
going after the power companies about harmful radiation from the lines, so
lets be sure they are aware of another source of radiation coming to a power
line near you. Lets not tell them it is an all together different form of
radiation, just that it is radiation.

Hay, nothing ventured, nothing gained. What tree hugging do gooder doesn't
love a fight with the power company.

So, at your next party, the one the xyl drags you too, drop BPL into the
conversation.

Those with elections in November, a well placed question to the candidates
might be in order. You know, their stand on this added radiation from the
power lines.

Just food for thought, as we look for other sources of help here.

73, Bill kc4atu

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Date: Mon, 20 Oct 2003 20:04:29 -0700
From: "Jason Milldrum" <jason@recursiv.com>
To: <qrp-l@lehigh.edu>
Subject: [159761] Need Testers for new Ham Software
Message-ID: <F5CAE451FAD2F74E8DBD6D54C5BEBB9D1544@amber.recursiv.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Greetings Everyone,

I'm mostly a lurker on this list, and I really enjoy the discussions that take place here. I have created a small freeware program called HamBug that does the following:

- * Displays the current time locally and in UTC.=20
 - * Can synchronize the computer's clock with the official NIST atomic time via the Internet=20
 - * Displays the current major propagation indices (Planetary A, Planetary K, Solar X-Ray Flux, Solar Radio Flux), as well as a summary of the current Solar and Geomagnetic conditions. (Data is obtained via Internet connection)=20
 - * Propagation indices can be updated automatically at a user-specified interval.=20
- =20

I'm looking for some testers before I release it to general use. Anyone is welcome to test the software as long as you meet the following criteria:

- * Have a moderate level of skill using a PC (I doubt anyone here will have trouble with that :-=20
 - * Have a PC running Windows 98/ME/2000/XP/2003=20
 - * The .NET Framework 1.1 must be installed. If you are not certain whether you have this or not, I can help you.=20
 - * The PC must have an Internet connection to get propagation data (Once again, I doubt this will be a problem for anyone here)=20
- =20

If you are interested in helping me (and getting a cool little program!), please send me an e-mail off list with a quick rundown of the hardware and operating system that you are running. I don't have any documentation written yet, but you are smart folks, and should be able to figure things out fairly easily. <g> Play around with the program

and let me know if you have any problems or any suggestions for improvement.

Thanks for the bandwidth and 73,
Jason Milldrum, NT7S
jason@recursiv.com

Date: Mon, 20 Oct 2003 22:07:27 -0500
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [159762] DD-1 Frequency Counter/ Digital Dial
Message-ID: <015a01c39780\$75d27240\$5dc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a nice DD-1 but no manual. Does anyone have one that they will sell? Thanks.

72
Gene N0MQ

Date: Mon, 20 Oct 2003 23:09:19 -0400
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159763] QRPacificon Proceedings are available
Message-ID: <005801c39780\$ba01e400\$6400a8c0@n2apb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the QRPacificon Proceedings booklet was so well received and we have had so many requests for it, that we're going to do a short print run ... but only for pre-ordered copies.

Here's the deal: You can go to the AmQRP website (<http://www.amqrp.org/pacificon/proceedings.html>) and place your order by PayPal, or you can send a check or money order to Doug for \$12. Either way, you will have to place your order by Nov. 3rd to get a compendium, as we will not accept orders after that date.

If you order by snail mail, you will need to send a check for \$12 to Doug Hendricks at:

Doug Hendricks
QRPacificon Proceedings
862 Frank Ave.
Dos Palos, CA 93620

And this is the important part, you must send Doug an email so we know how many copies to print. Send the email to: ki6ds@dpol.net with QRPacificon Proceedings in the subject line.

72,

Doug Hendricks KI6DS ki6ds@dpol.net

PS: The price includes postage.

Date: Mon, 20 Oct 2003 20:37:30 -0700
From: pmurphy <w6wy@citlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159764] Re: fs: BLT original unbuilt SOLD
Message-ID: <5.0.2.1.0.20031020203627.00a840d0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to all who responded, the BLT is sold.

At 09:47 AM 10/20/03 -0700, pmurphy wrote:

>Hi guys;
>I have for sale an original "virgin" BLT still in Norcal box. \$25 shipped
>conUSA.
>---Pete W6WY
>
>

Date: Mon, 20 Oct 2003 21:41:42 -0700
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [159765] RE: Life after BPL
Message-ID: <BLEKJMCJBOEAAIECDNNCKEPFHDA.farson@shaw.ca>
MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Rod,

Heard a frightening BPL story from a ham friend in California earlier this month. A few years ago, there was an airliner coming in to land at a Swiss airport, presumably Geneva. There just happened to be a PLC (BPL) trial in progress in the Swiss/French border area which the plane was overflying. Apparently the aircraft's ILS failed, so the pilot tried an ADF approach. Unfortunately, the garbage radiating from the power lines screwed up the ADF receiver, with the result that the plane flew into a mountainside - no survivors.

Now try to imagine the FAA unable to control a flight, or communicate with an airliner over the Atlantic (yes, they have satcom, but HF is always there as a backup); local public safety unable to use VHF low-band; the military unable to communicate on HF or on low-band VHF (30 ~ 75 MHz). Then think of the Coast Guard, unable to monitor 2182 for distress calls, and CIA or NSA unable to intercept bad guys anywhere in the 2 ~ 80 MHz range. We hams will not be the only ones in trouble.

Next, visualise a scenario where a transatlantic airliner operated by a US carrier crashes due to BPL interference with its HF comms and/or ADF. Can you imagine the multiple class actions - against the FCC, the airline, the FAA, the aircraft builder, the avionics suppliers, the electric utility whose BPL emissions brought the aircraft down, etc. After the settlements, there wouldn't be enough left over even for a modest bribe, ahem, campaign contribution.

Even worse: imagine a terrorist attack which goes down on US soil because BPL emissions from PEPCO jam the life out of Fort Meade MD, and as a result the NSA fails to intercept some critical intel. How will the parties involved in the deployment of BPL explain that to the (voting) American public?

Cheers for now, 73,
Adam VA7OJ/AB4OJ

Date: Mon, 20 Oct 2003 22:10:43 -0700
From: J <W7LS@blarg.net>
To: qrp-l@lehigh.edu
Subject: [159766] Anyone know whatever happened to S&S Engineering?
Message-ID: <3F94BFD3.5040107@blarg.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

My friend has been trying to contact S&S to buy a VF0, but they don't respond to emails or phone calls for some reason. Anyone know what's up? Alternatively, anyone have a VF02 for sale? Tnx Jim W7LS

Date: Tue, 21 Oct 2003 05:59:46 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159767] Re: AOL users
Message-ID: <002001c397ba\$0f4c8490\$19075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Same problem with AOL here. Sometimes it lets email through and sometimes it blocks it. My ISP is trying to get AOL to quit blocking. Very frustrating.

73 de NA8M
John

> I just found out tonight that aol users cannot get mail
> from my ISP. They (aol) have cut off all non-aol users
> from sending mail to aol customers.
> EVEN though aol and roadrunner are owned by time warner.
> Oh, well, this will definitely cut down on the bandwidth for some
> of us.
>
> John Paul, Raleigh, NC [AB4PP]//NNN UTV
> <http://www.knightlites.org>
> "We all take different paths in life, but no matter where
> we go, we take a little of each other everywhere."

Date: Tue, 21 Oct 2003 06:02:21 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@zwi.net>
To: <myetsko@insydesw.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159768] Re: *** 300 ohm feedline source ***
Message-ID: <3F95042D.000001.00500@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

There are several places that sell the good stuff here are a couple web
sites you might check out:=0D
<http://www.surplussales.com/Antennas/Antennasmain.html>=0D
or=0D
=0D
<http://www.davisrf.com/ham1/ladder.htm>=0D
=0D
according to R.S. online catalog they still have the stuff. =0D
[http://www.radioshack.com/category
asp?catalog%5Fname=3DCTLG&category%5Fname=3DCTLG%5F003%5F001%5F003%5F007&
Page=3D2](http://www.radioshack.com/category.asp?catalog%5Fname=3DCTLG&category%5Fname=3DCTLG%5F003%5F001%5F003%5F007&Page=3D2)=0D

=0D
-----Original Message-----=0D
=0D

From: myetsko@insydesw.com=0D
Date: Monday, October 20, 2003 10:10:25 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: Re: *** 300 ohm feedline source ***=0D
=0D

> I'm looking for a source for 300 ohm ribbon line. In particular, I seek=
=0D
the=0D
> quality foam filled variety and NOT the cheap-o plastic version.=0D
Couldn't=0D
> find it at my local RS store. Even came up dry at Radio Works.=0D
Suggestions=0D
> welcome.=0D
=0D

A company store or a franchise?=0D
=0D

I'd better check, cause I like to use the 'good stuff' too. I feed my 40M=
=0D
dipole with 300 twinlead.=0D
=0D

Years ago I know RS sold stuff that was actually shielded. BAD stuff to=0D
use for a transmit antenna.=0D
=0D

They also sold some foam stuff that looked like normal 300 (ie a 'rib' on=
=0D
each side with a flat middle) but if you sliced it off, it looked like=0D
there was=0D

a 'sandwich' of foam in the middle. I haven't seen that stuff for quite=0D
some=0D
time either.=0D
=0D
The stuff I'm currently using is I think 18ga, which is fairly heavy, wit=
h=0D
brown=0D
plastic. When you slice it, it's just homogenous plastic, no foam layer.=0D
I've=0D
had that one up now for 2 years, and still works great. I used 18ga=0D
speaker=0D
wire for the two elements. I cut the 'clear' zip cord to length, then=0D
pulled it=0D
apart to a single wire for each leg.=0D
=0D
When I go camping and drag the K2 along, I have the exact same setup to=0D
'throw in the trees', only the twinlead is the REAL light duty stuff from=
=0D
RS.=0D
Looks to be 22 or 24 ga wire in the twinlead. And the 'zip' wire I used=0D
is 24ga. Makes for a lighter easier to 'throw up' antenna. And it's ok,=0D
as=0D
it will never be up for more than a week at a time.=0D
=0D
Mike=0D
=0D
=0D
=2E

Date: Tue, 21 Oct 2003 06:29:42 -0400
From: "John" <johndorson@worldshare.net>
To: <hamjoel@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159769] Re: BPL
Message-ID: <003901c397be\$42194a80\$c63af343@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have, like many others, been following the BPL posts on the list for some time now and have one question. Maybe it has been answered before and I missed it, but, in the few areas that have BPL running has anyone actually experienced the interference to HF as we have all heard about.

Thanks.

John K2JHU...

Date: Tue, 21 Oct 2003 06:05:48 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [159770] OT: FS Equipment
Message-ID: <IBEGLCMLCDHHEFLBPHBOEEJBCOAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks

I don't how it happened, but I wound up with 2 MFJ-9040 (40 meter 4-5 watt CW only rig) transceivers. I don't need 2 of 'em so one is on the block. It, of course, is used, but I do have the ORIGINAL box and book. It has the active audio filter installed, and even though the internal keyer is not installed, in it's place I've added a Small Wonder Labs "Freq-Mite". This gives a somewhat more accurate frequency readout than the analog dial and plays the frequency in Morse Code through the rigs audio chain at a 13 or 26 (selectable) wpm rate. As with all MFJ 90 series rigs, it does drift a bit until it warms up.

It has all the factory mods in it (done by the factory) and with the exception of the Freq Mite which I installed myself, it's stock. Cosmetically it's 7 on a scale of 10. The pushbutton for the Freq Mite is installed in a small hole drilled in the upper left corner of the front panel. Asking \$125 shipped anywhere in the US. Money order preferred, but I will take Pay-Pal. Pay Pal charges for their service, so if this method is used, the price will be \$130.00 shipped.

Anyone interested please email me off list. First email holds it for final details.

Jim - W0EB
Wichita, KS
w0eb@cox.net

Date: Tue, 21 Oct 2003 07:16:50 -0400
From: kwiike@gdls.com
To: qrp-l@Lehigh.EDU

Subject: [1597771] Michigan QRP Net
Message-ID: <0F5AB117EF.7B2AFB2A-0N85256DC6.003DEB34@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had ten check-ins last week. Conditions were strange. The DX stations were stronger than the 100 to 500 mile stations. First time I have ever heard this. Maybe it was the strong wind everyone seemed to have.

	S	R	
K8CV	599		ROYAL OAK MI WALT
N1CUU	569		GETTYSBURG PA CARL
W8IQB	559	569	BRISTOL MI LOWELL
WA8REI/4	589	589	SLADE KY KEN
WA8BXN	579	559	CLEVELAND OH MIKE
W2SH	569	569	MILLINGTON NJ CHARLES
KB8BO	599	599	WEST BLOOMFIELD MI JOE
KI8DU	569	569	HUNTINGTON WV ROGER
W8TJ			TOM
KA8ONW	339		MASON MI MARK

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern Time on 3.535 MHz. All hams are welcome.

Ed AB8DF Waterford, MI

Date: Tue, 21 Oct 2003 06:30:53 -0500
From: "Jeff Imel" <jeffimel@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [1597772] FS: Red Hot NorCal 20
Message-ID: <BAY9-DAV35V3XpfbFT900005da5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an extra Red Hot NorCal 20 for sale that features several enhancements. These enhancements include:

K1EL K8+ keyer chip. It operates from 5 to 49 wpm and has a memory, autospace, practice mode, two iambic modes, plus many other features.

"Power On" LED to the front panel.

On-off switch has been added to the rear panel.

1/8" and 1/4" jacks for your key or paddles

Internal speaker. Beautifully installed.

The builder did an outstanding job in building the kit and adding the enhancements. This is a beautiful rig.

\$140 plus shipping of your choice (USPS, UPS Fed Ex). If you are not thrilled with this rig, I'll refund your money. Just let me know and ship it back. Pictures on requests.

Email me direct at jeffimel@hotmail.com

Thanks and 73.

Jeff
KB9ZUR

Date: Tue, 21 Oct 2003 06:42:49 -0500
From: "Tony Martin W4FOA" <w4foa@comcast.net>
To: <wa8jpr@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159773] Re: running out of time SEMI
Message-ID: <001a01c397c8\$741459d0\$6401a8c0@De1ldude>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I followed up my email with a formal letter. Check out the below help sites....it is SO easy to do and I encourage everyone to follow up your email with a snail mail letter. Everything you need is found on the following web sites. It took me 30 minutes to write 3 letters using the help below. Thirty minutes of your time might just insure many years of enjoyment in this great hobby.

Thanks and 73

Tony, W4FOA

You can write your representative at <http://www.house.gov/writerrep/> and you can write our senators at <http://www.senate.gov/contacting/index.cfm> To see a sample letter on the Spectrum Protection Act, see <http://www.arrl.org/govrelations/arspa.html/> and a letter on the CC&R battle, <http://www.arrl.org/govrelations/hr1478/>

----- Original Message -----

From: "wa8jpr" <wa8jpr@comcast.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, October 20, 2003 7:22 PM

Subject: Re: running out of time SEMI

> Charles

>

> I agree totally with your point. I sent e-mails to my representative and
> both Senators. Real easy. I hope everyone will do likewise. We need to
let

> them know how we feel.

>

> 73 Bill WA8JPR

>

>

Date: Tue, 21 Oct 2003 06:00:49 -0600 (MDT)

From: Karl Larsen <k5di@zianet.com>

To: John Paul Keon <jpkeon@nc.rr.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [159774] Re: AOL users

Message-ID: <Pine.LNX.4.44.0310210558350.4685-1000000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 20 Oct 2003, John Paul Keon wrote:

> I just found out tonight that aol users cannot get mail
> from my ISP. They (aol) have cut off all non-aol users
> from sending mail to aol customers.

I have a friend using AOL and he stopped getting email from me.
Then he checked and instead of setting my address as good he set it as

bad. Now it works fine.

> EVEN though aol and roadrunner are owned by time warner.
> Oh, well, this will definitely cut down on the bandwidth for some
> of us.
>
> John Paul, Raleigh, NC [AB4PP]//NNN UTV
> <http://www.knightlites.org>
> "We all take different paths in life, but no matter where
> we go, we take a little of each other everywhere."
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 21 Oct 2003 06:05:48 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [159775] Kenwood TS-870
Message-ID: <Pine.LNX.4.44.0310210603140.4685-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is anyone using this rig? How does it do on CW and can it be
turned down to QRP levels? The ARRL Product Review seemed to really like
this radio.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 21 Oct 2003 08:34:31 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [159776] Re: running out of time SEMI
Message-ID: <001401c397cf\$ad2df300\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

In composing my letter I found the following site to be helpful:

<http://clerk.house.gov/members/index.php>

It turns out that my congressman is on several relevant committees, so I could tailor my letter to make his support fit in with his other responsibilities. This site lets you find out where your guy is focusing his efforts.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 21 Oct 2003 06:36:57 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <rod@n0rc.us>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159777] Re: Life after BPL
Message-ID: <004901c397d0\$0472a5c0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,

Reading some of the responses so far, we're getting off track. I don't wish to discuss the political aspects of this problem. I wanted to explore technical alternatives. Yes it may be too early. But, we've all operated in a variety of noise situations, that to a degree simulate what we're up against. So let's table the politics and focus on the technical.

We may have to give up our simple radios, but I hold out hope the DSP, perhaps not as we know it now, just may be the answer.

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, October 20, 2003 6:33 PM

Subject: Life after BPL

...

Date: Tue, 21 Oct 2003 08:46:04 -0400

From: "John Paul Keon" <jpkeon@nc.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [159778] AOL problem in the process

Message-ID: <037501c397d1\$4b994200\$6501a8c0@nc.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Well,

Thanks for all the comments gang. On this reflector, and others, I have learned of the problems and non-solutions and why this may have happened.

I finally got through and got a reply from my server and they are in the process of supposedly fixing it. As it turned out, it was a limited block and there may or may not have been a just cause for the block. The thing that I don't like is that they did not warn anyone; nor, did they make any one aware of this block.

Thank you for writing,

We understand that you are currently experiencing problems with sending e-mail to AOL. We are currently aware of the problem, and have technicians working with AOL to resolve this issue for you as soon as possible. Please note that AOL is blocking the messages and that Road Runner is not blocking the messages. Once AOL removes the block, e-mail should be able to be sent to AOL.

If you have any further questions or problems, please feel free to E-mail us again or contact our Technical Support line for further assistance. When replying to this address, please include this message as well as all previous correspondence regarding this issue.

Thank you for choosing Road Runner and have a great day!
Road Runner Residential Agent, Jeremy, 15151
Road Runner Technical Support Department.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."

Date: Tue, 21 Oct 2003 08:35:34 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159779] Re: AOL problem in the process
Message-ID: <200310210835.34383.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Hey John;

I am *NOT* a fan of AOL in *ANY* way, but I do understand their doing this.
IF road-Runner wasn't being a "good network citizen" and letting various
large worms, viruses, and bunches of scam to go out on the internet via their
servers, then AOL is justified in protecting themselves from unnecessary
traffic that could be overloading their servers.

On my servers I am getting large amounts of garbage email come thru or from
road-runner servers, so I know they are definitely part of the problem.

Dunno if that makes you feel any better (as a road-runner user), but that's
just my viewpoint.

Vy 72;

Bob
w9ya

On Tuesday 21 October 2003 07:46 am, John Paul Keon wrote:
> Well,
> Thanks for all the comments gang. On this reflector, and others,
> I have learned of the problems and non-solutions and why this may

> have happened.
> I finally got through and got a reply from my server and they are in
> the process of supposedly fixing it. As it turned out, it was a limited
> block and there may or may not have been a just cause for the block.
> The thing that I don't like is that they did not warn anyone; nor, did
> they make any one aware of this block.
>
> Thank you for writing,
>
> We understand that you are currently experiencing problems with sending
> e-mail to AOL. We are currently aware of the problem, and have
> technicians working with AOL to resolve this issue for you as soon as
> possible. Please note that AOL is blocking the messages and that Road
> Runner is not blocking the messages. Once AOL removes the block, e-mail
> should be able to be sent to AOL.
>
> If you have any further questions or problems, please feel free to
> E-mail us again or contact our Technical Support line for further
> assistance. When replying to this address, please include this message
> as well as all previous correspondence regarding this issue.
>
> Thank you for choosing Road Runner and have a great day!
> Road Runner Residential Agent, Jeremy, 15151
> Road Runner Technical Support Department.
>
>
> John Paul, Raleigh, NC [AB4PP]//NNN UTV
> <http://www.knightlites.org>
> "We all take different paths in life, but no matter where
> we go, we take a little of each other everywhere."

Date: Tue, 21 Oct 2003 09:30:05 -0400
From: k2zn@rochester.rr.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [159780] Re: *** 300 ohm feedline source ***
Message-ID: <13b65e13aed5.13aed513b65e@nyroc.rr.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

One caveat about the foam-filled stuff: if it's not thoroughly sealed at the antenna end, any benefit will be quickly lost due to the line filling up with water.

You might be better off with 300 ohm ladder line.

72 - A1, K2ZN

Date: Tue, 21 Oct 2003 08:35:55 -0000
From: "Doc - W5TB" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159781] Re: *** 300 ohm feedline source ***
Message-ID: <006701c397ae\$588c4fc0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

You might also try

<http://thewireman.com/index.shtml>

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617
<http://www.qsl.net/w5tb>
----- Original Message -----
From: "Pastor-kc1di" <elbc2@gwi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 21, 2003 10:02 AM
Subject: Re: *** 300 ohm feedline source ***

> There are several places that sell the good stuff here are a couple web
> sites you might check out:
> <http://www.surplussales.com/Antennas/Antennasmain.html>
> or
>
> <http://www.davisrf.com/ham1/ladder.htm>
>
> according to R.S. online catalog they still have the stuff.
> [http://www.radioshack.com/category](http://www.radioshack.com/category.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F003%5F001%5F003%5F007&Page=2)
> [asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F003%5F001%5F003%5F007&Page=2](http://www.radioshack.com/category.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F003%5F001%5F003%5F007&Page=2)
>
> -----Original Message-----

>
> From: myetsko@insydesw.com
> Date: Monday, October 20, 2003 10:10:25 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: *** 300 ohm feedline source ***
>
> > I'm looking for a source for 300 ohm ribbon line. In particular, I seek
> the
> > quality foam filled variety and NOT the cheap-o plastic version.
> Couldn't
> > find it at my local RS store. Even came up dry at Radio Works.
> Suggestions
> > welcome.
>
> A company store or a franchise?
>
> I'd better check, cause I like to use the 'good stuff' too. I feed my 40M
> dipole with 300 twinlead.
>
> Years ago I know RS sold stuff that was actually shielded. BAD stuff to
> use for a transmit antenna.
>
> They also sold some foam stuff that looked like normal 300 (ie a 'rib' on
> each side with a flat middle) but if you sliced it off, it looked like
> there was
> a 'sandwich' of foam in the middle. I haven't seen that stuff for quite
> some
> time either.
>
> The stuff I'm currently using is I think 18ga, which is fairly heavy, with
> brown
> plastic. When you slice it, it's just homogenous plastic, no foam layer.
> I've
> had that one up now for 2 years, and still works great. I used 18ga
> speaker
> wire for the two elements. I cut the 'clear' zip cord to length, then
> pulled it
> apart to a single wire for each leg.
>
> When I go camping and drag the K2 along, I have the exact same setup to
> 'throw in the trees', only the twinlead is the REAL light duty stuff from
> RS.
> Looks to be 22 or 24 ga wire in the twinlead. And the 'zip' wire I used
> is 24ga. Makes for a lighter easier to 'throw up' antenna. And it's ok,
> as
> it will never be up for more than a week at a time.
>
> Mike

>
>
> .

Date: Tue, 21 Oct 2003 14:07:16 +0000
From: bobw4zy@comcast.net
To: johndorson@worldshare.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [159782] Re: BPL
Message-ID: <102120031407.28945.3fc6@comcast.net>

I for one do not know. I live within 20 miles of Manassas Virginia. I do know that the AF MARS frequency has had S9+ noise for awhile. Since I did not know BPL was active in my area at the time and since I did not note the date the increased noise became apparent, I have no basis of comparison. Now if we could arrange for a 'no BPL day', then perhaps I could offer some data. It might just be noise or it could be from Manassas. Perhaps someone else in the area has better information.

73,
Bob
W4ZY/AFA2CY

> I have, like many others, been following the BPL posts on the list for some
> time now and have one question. Maybe it has been answered before and I
> missed it, but, in the few areas that have BPL running has anyone actually
> experienced the interference to HF as we have all heard about.
>
> Thanks.
>
> John K2JHU...
>

Date: Tue, 21 Oct 2003 09:16:45 -0500
From: "Joe Porter" <jporter@cottey.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [159783] Great time at Pacificon
Message-ID: <3F94F97D.22294.40A164@localhost>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Gang,

Just wanted to send out a "BIG THANK YOU" to Doug and his crew for a great job on the qrp section of Pacificon. Presenters were great, and covered a wide range of subject matter all of which I dearly enjoyed. George and Joe have infected me with the desire to jump headlong into the HC908 world and DDS. Their presentations were wonderful and very informative.

Wayne, a big thank you to you also for your very informative and interesting talk on building a xcvr from tried and proven circuits. I especially liked the emphasis on the PTO as I have been studying that for some time now and you gave me the push to get started.

Jim, thanks so much to you for a wonderful antenna and the great time we had visiting with you. Your success at the vendor table along with a professional presentation on portable operation was very enjoyable. I got a great kick out of your warning about operating sea side to protect your radio from the oncoming tide... We "flatlanders" here in Kansas don't have much of a chance to operate by water other than lakes but I plan to make one of your antennas standard operating equipment on the checklist in the backpack.

Many thanks to you also Randy for a very good presentation on do's and don't for contesting. I am not a tester so I found your presentation very informative on operation procedures. I am better equipped now on contest procedures, logging, and software available to make contesting a fun event.

I especially want to thank Trevor for his taxi service and experience at negotiating the "101 parking lot" and keeping us out of the diamond lane.. It was great to meet you Trevor and I am amazed at how good you are at anticipating Doug's every move (lane changes, quick turns, etc). We had a great time visiting the Silicon Valley parts establishments. I overdosed on parts and could only mourn the fact that I couldn't get the whole warehouse on the plane to take back to Kansas. When you have nothing but Radio Shack to deal with, this was quite a cultural shock. It was great fun...!

All of the events were a blast and the audio qso party was really cool. The California Burger manager certainly deserves a thankyou for letting us take over his restaurant with all of these weird sounding little boxes..

In summary, thanks Paul for picking up us at the airport... You guys in 6 land sure know how to throw a party... Alanticon is now on the list of my list of things that must be done next year. You guys on the right coast can expect us next year and we in Ozarkland will be expecting you all from the left and right coast (and in between) next April at OzarkCon 2004, so mark your calendars..

Thanks again to everyone involved, we had a wonderful time...!

Joe W0MQY Pittsburg Kansas

Joe Porter Ph.D.
Director of Academic Computing
Cottey College
1000 W. Austin
Nevada, Mo 64772
Phone 417-667-8181 ext 2275
e-mail jporter@cottey.edu
<http://www.asna.homestead.com/>

Date: Tue, 21 Oct 2003 10:44:51 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: johndorson@worldshare.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159784] Re: BPL
Message-ID: <3F954663.9577F434@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

This is exactly what Ed Hare and the ARRL were testing up in Pennsylvania Last month. If you read their findings you will see how much interference they documented.

73

Date: Tue, 21 Oct 2003 14:49:34 +0000
From: "Jeff Imel" <jeffimel@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [159785] Re: Red Hot NorCal 20
Message-ID: <BAY9-F9huoTjAN5IQJX000075aa@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The Red Hot NorCal 20 has been sold. Thanks to all that responded.

73

Jeff
KB9ZUR

Fast, faster, fastest: Upgrade to Cable or DSL today!
<https://broadband.msn.com>

Date: Tue, 21 Oct 2003 08:54:54 -0600
From: kizerian@xmission.com
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [159786] Single Sideband FM
Message-ID: <1066748094.3f9548be756c3@webmail.xmission.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Can anyone direct me to some good understandable references on single sideband frequency modulation? I have no real practical reason for wanting to know about this. It is interesting to me in a "mathetical" sort of way. Of course, that is dangerous for me because my brain gets very stubborn when I try to do math. Such ideas as "negative frequency" kind of send my mental faculties into total shutdown.

But I read schematic very well. It is a visual language I can usually understand. Seems like years ago there was an article on SSB FM in Ham Radio. That would probably be a good start. If anyone can send me a copy of that article I would be much appreciative.

Thanks in advance

Bruce kk7zz

www.elmerdude.com

Date: Tue, 21 Oct 2003 15:14:54 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>

To: wb8rcr@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [159787] Re: running out of time SEMI
Message-ID: <20031021.081457.28675.342168@webmail10.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I sent a letter to all three of my Pesky Texan leaders!

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL HQRP

-- "John J. McDonough" <wb8rcr@arrl.net> wrote:
In composing my letter I found the following site to be helpful:

<http://clerk.house.gov/members/index.php>

It turns out that my congressman is on several relevant committees, so I could tailor my letter to make his support fit in with his other responsibilities. This site lets you find out where your guy is focusing his efforts.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 21 Oct 2003 11:26:09 -0400
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [159788] November 2003 QST receiver article
Message-ID: <000501c397e7\$a75f8340\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I was thumbing thru the Nov 03 issue of QST when I came across this neat article about a "Simple Superhet" receiver using two tubes and one audio IC.

The article was written by AC7AC, Ron D'Eau Claire.

If I'm not mistaken believe the author is QRP-L's very own member best known for "crawling back into his hole", AC7AC.

If I am correct, many kudos Ron for such a really neat article on a very simple superhet.

73, Joe W2KJ

Date: Tue, 21 Oct 2003 08:31:49 -0700
From: Punkymcd@pacbell.net
To: qrp-l@Lehigh.EDU
Subject: [159789] FT-817 for sale....
Message-ID: <3F955165.5090404@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Try this again. Never showed up the first time.

QRP setup for sale....

Yaesu FT-817 with 500Hz IR CW filter, MH-36 touchtone microphone, 4 amp switcher power supply and user manual.

LDG Z-11 auto antenna tuner with power supply and manual.

The Pack-It Reference for the Yaesu FT-817

Super-65 Pocket Electronic Mini-Paddle memory Keyer Model MK-65C
Has two 50 character memories and beacon mode.

Sorry no antenna hardware.

\$750 for the lot.

Don, W60A

(925)443-1769, e-mail punkymcd@pacbell.net or QRZ address.

Date: Tue, 21 Oct 2003 09:47:16 -0600

From: "Stephen Finch" <stevef88@msn.com>
To: <kizerian@xmission.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [159790] RE: Single Sideband FM
Message-ID: <001b01c397ea\$9b522820\$010aa8c0@Domain>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

I found this URL during a Google search on SSB FM. It gives a visual picture of various types of modulation. Check it out, it's great!!

http://www.williamson-labs.com/480_mod.htm

Steve
AI=D8W

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf =
Of
kizerian@xmission.com
Sent: Tuesday, October 21, 2003 8:55 AM
To: Low Power Amateur Radio Discussion
Subject: Single Sideband FM

Can anyone direct me to some good understandable references on single sideband frequency modulation? I=20
have no real practical reason for wanting to know about this. It is interesting to me in a "mathetical"=20
sort of way. Of course, that is dangerous for me because my brain gets =
very
stubborn when I try to do=20
math. Such ideas as "negative frequency" kind of send my mental =
faculties
into total shutdown.

But I read schematic very well. It is a visual language I can usually understand. Seems like years ago=20
there was an article on SSB FM in Ham Radio. That would probably be a =
good
start. If anyone can send me=20
a copy of that article I would be much appreciative.

Thanks in advance

Bruce kk7zz

www.elmerdude.com

Date: Tue, 21 Oct 2003 11:52:41 -0400
From: Bob Patten <n4bp@bellsouth.net>
To: w2kj@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159791] Re: November 2003 QST receiver article
Message-ID: <3F955649.7060603@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Joseph Trombino Jr wrote:

>If I'm not mistaken believe the author is QRP-L's very own member best known
>for "crawling back into his hole", AC7AC.

>

>

Nope, That would be the other Ron - KU7Y. Haven't heard from him in a
long time, but understand he was
in Eureka County, NV at the same time as I last month...

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@arrl.net Website: <http://www.qsl.net/n4bp>
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Tue, 21 Oct 2003 11:30:19 -0500
From: "George, W5YR" <w5yr@att.net>
To: <rod@n0rc.us>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159792] Re: Life after BPL
Message-ID: <00af01c397f0\$9ef22380\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Rod,

Don't overlook the other side of this coin: interference to the BPL system from amateur transmitters.

This situation has all the ingredients for a repeat of the 1950's TVI crisis, but far worse if there is general adoption of BPL. When one CQ from your station knocks five or ten neighbors off the Internet, explanations of your licensed right to transmit probably won't play too well.

If the signal ("noise") is truly broadband and to some extent uncorrelated, then adroit processing might make the weaker signals readable. But if the QRP community starts routinely running 50-100 watts instead of 5 watts to get out at all, then Pandora's Box has been opened. You can imagine what 1.5 KW will do . . .

This is not a pretty picture.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"Starting the 58th year and it just keeps getting better!"

w5yr@att.net

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, October 21, 2003 7:36 AM

Subject: Re: Life after BPL

> Folks,

>

> Reading some of the responses so far, we're getting off track. I don't
> wish to discuss the political aspects of this problem. I wanted to
> explore technical alternatives. Yes it may be too early. But, we've all
> operated in a variety of noise situations, that to a degree simulate
> what we're up against. So let's table the politics and focus on the
> technical.

>

> We may have to give up our simple radios, but I hold out hope the DSP,
> perhaps not as we know it now, just may be the answer.

>

> 73, Rod N0RC

Date: Tue, 21 Oct 2003 11:35:09 -0500
From: "Hal Schlotfeld" <kc0bdw@hotmail.com>
To: <qrp-1@Lehigh.EDU>
Subject: [159793] RE: *** 300 ohm feedline source ***
Message-ID: <000901c397f1\$4a8d69c0\$6401a8c0@hal2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

You can always try your local hardware store. I know that the true value store here in my town sells it..I bought some last year (the foam kind)

Hal
KC0BDW

Date: Tue, 21 Oct 2003 11:43:20 -0500
From: John_Sandin@osca.state.mo.us
To: qrp-1@Lehigh.EDU
Subject: [159794] Newbie homebrew qrp transmitter update
Message-ID: <0F6F13DFE8.62CB4EF5-0N86256DC6.005B764F@osca.state.mo.us>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I was invited to provide more info as I worked on building and testing a 3-watt transmitter for 40 meters and 80 meters, which appeared in QST June 1967. I've done some more work and I'd like to share the results. Here's a web page that shows what I did.

<http://www.kcnet.com/~oyster/transmitter/transmitter.html>

The first version was built in a steel card-file box with a hinged lid for the chassis. Output was less than 1 watt, Q2 ran too hot, and the wiring was contributing to the problems. I never had any indication that anyone heard me. My antenna is a dipole for 40 meters, and it was only 7 feet high. I realize that's too low.

Since then, I have replaced Q2 and rebuilt the transmitter using the photo in QST as a guide.

I was able to use just the lid of my former assembly as the chassis, eliminating the etched circuit board, the bottom section of the file box, and all the excess wiring that I originally used. Q2's heat sink is mounted on the top of the chassis. A 1/2" hole was drilled through the chassis to allow plenty of room to insert the transistor up through the chassis, and the heat sink is insulated from the chassis with polyurethane-based caulk. The transistor fits snugly and I used heat sink grease. The transistor leads remain inside the chassis, and its case does not touch the chassis.

If I had it to do over again, I would have used a more recent design. But it's evidently considered a "classic" design that's been thoroughly tested, so I figured I'd learn a lot.

The good news: The transistor does not become egg-frying hot anymore. Now it's just barely warm. Everything else behaved exactly the same as before. So one by one, I began trying the suggestions about grounding and parts placement provided to me by the good people at rec.radio.amateur.homebrew and qrp-l. What seemed to help the most were the grounding suggestions; I moved several components' chassis connections to within an inch of Q2's emitter, and that seemed to help to increase the output and decrease the self-oscillation, which can now be eliminated via the variable caps for the oscillator and amplifier stages (C1 and C2). I also realized how close the crystal was to Q2 in my original assembly, so I moved the crystal over near the oscillator section, and that seemed to help, also. The chirp is still a little bothersome, but the transmitter appears to be putting out around 2 watts into a dummy load, sans lowpass filter.

Then I rewound the toroids in the lowpass filter (the windings were too close together). The measured output was reduced when the filter was reconnected. I am measuring the output using a voltage meter across the dummy load, with a capacitor and diode in the measuring circuit, per an article by KC6WDK. The transmitter is on the same table as my Icom R71A receiver, so perhaps my receiver isn't a good indicator, but the signal appears to be twice as strong at 14.250 MHz as it is at the fundamental 7.125 MHz, despite the changes I've made to the lowpass filter. I'm not finished testing it yet. The cutoff frequency might be too high. I'll be arranging for someone to listen on the air soon. My troubleshooting and testing skills are pretty primitive, but I've learned a lot from working on this project and from others who offered advice.

I also moved the secondaries of both coils, which are supposed to be at the "cold" end of the primaries. I was confused about the term "cold end". I originally thought that meant the end closest to the variable cap, and that's the way it was in my original assembly. "Cold end" must be a common-knowledge type of term. I found only two references online that attempt to explain it, both in Usenet, and both confusing. Output has increased by about 40 percent since I moved the secondaries to the opposite ends of the primaries. I am still not sure about what the "cold end" is for

the coils in this circuit (can anyone enlighten me?) One of the responders told me it was the end closest to 12 volts DC. That didn't make sense to me, but I moved the secondaries anyway, and got better results.

I found a Micronta SWR Tester/Field Strength meter at a garage sale for 50 cents, and it seems to work. I am looking for a manual, because I'm not sure how to calibrate and use it. But my most useful test will be getting an RST report on the air, at the fundamental and the harmonics. Next step will be to get another local ham to listen, or separate transmitter and receiver by a few miles and coordinate a test with a helper. All this, of course, after I raise the dipole much higher. I want to make sure that I'm not dirtying up the airwaves before I start pounding out CQs, etc.

John KC0QWE

My e-mail address is (remove the "T"):

John_S_Sandin@Tosca.state.mo.us

Date: Tue, 21 Oct 2003 09:51:00 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [159795] FS: QRP, QRO and Misc
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F7308@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I'm clearing out the shack, and moving back to mobile so I have the following equipment for sale. I'll pay shipping to lower 48 for normal lowest cost surface delivery. If you want things quicker, you'll have to pay shipping. All prices are negotiable. I'll email photos. Money orders are best, I'll set up a Paypal account if needed.

Yaesu FT-757gxii 160-10m, CW/AM/SSB/FM, General Coverage Receiver.

Mic, mobile mount, 2 DC power cords, QSYer keypad, with original box, manual and technical manual. It's an 8 out of 10, with slight scratches on sides from mobile use. Complete Yaesu service and alignment done in Nov 2001, and never used mobile after that date. MARS mod, but can be easily undone if needed. \$400

Kenwood TS-430S 160-10m CW/AM/SSB, General Coverage Receiver + PS430 Power Supply

Hand mic, and photo copied manual. 8.5 out of 10. Never used mobile, I'm the

3rd owner and this rig has seen very little use in the last year. I don't have an original box, but will double box before shipping. \$400

JPS ANC4 Noise Cancelling Unit

These units work pretty good! Has original box, and manual. \$75

Lakeview Carolina Bugcatcher 40-10m HF Mobile Antenna

Great performing mobile antenna with 4" coil. Includes extra 10/11m whip, base matching coil, quick disconnect, and instructions. Excellent condition, outperforms screwdriver type antennas. *** This antenna is no longer made by Lakeview *** \$75

SW40+ in homebrew enclosure. Excellent build quality, rig works and sounds great. Moved up to an 817, and this rig needs a good home. \$55

MFJ-969 Deluxe Versa Tuner II 160-6m Tuner

This tuner is clean, no dings, dents, scratches or ARCHING, she is in tiptop shape, 2 years old. Can handle 300 watts. Original manual, no box. Used maybe 20 hours. Excess to my needs. \$90

Thanks & 72!

.mark

"We are successful when our bosses wonder what it is we do all day." -- Tim Mullen

Date: Tue, 21 Oct 2003 09:25:47 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@Lehigh.edu
Subject: [159796] Walgreen Clock
Message-ID: <20031021.101251.-1937355.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Looked at the \$9.99 sale item. Took home the \$19.99 version. It configures to UTC, tells the date (which I can never remember) and temperature in F and has large digits. Calibrated w/ WWV and seems to be OK at first blush.

Marv Fagenson
k6hcj@Juno.com

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 21 Oct 2003 13:14:03 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <fpqrp-l@fpqrp.com>, <qrp-l@Lehigh.EDU>
Subject: [159797] RE: [fpqrp] BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D29@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Anyone who has been in one of the trial areas where the BPL system is =
operating at the FCC limits may indeed feel just that way. There is no =
way I could continue HF operation, even at QRO levels, under those =
circumstances.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Joel M Denison [mailto:hamjoel@juno.com]
> Sent: Monday, October 20, 2003 8:59 PM
> To: fpqrp-l@fpqrp.com; qrp-l@Lehigh.EDU
> Subject: [fpqrp] BPL
>=20
>=20
> BPL and the Day the Wetlands cried
> Was an interesting morning in the marsh today...I got in my=20
> pirogue and
> poled my way to the widest and wildest area of the swamp and=20
> marsh that I

> could think of.... just a bit before daylight....
> At daylight I played taps on an endless tape and on another=20
> tape I played
> a llist of all the silent keys calls I could find, in cw....after
> adjusting the tapes for the right volume, I walked the marsh=20
> and listened
> and watched...
> U kneaux the wilderness understood... I could tell by the way=20
> the grass
> swayed in the morning breeze and the Spanish moss caressed the cypress
> trees, many long departed but still standing... a silent=20
> sentinel of days
> gone by... the birds as if by cue, would have one or two=20
> birds fall out
> of formation and fly behind the rest as they passed over the
> speakers....The deer would stop and listen, as if reminded of=20
> something
> wild and wonderful.... and dropping their heads, would slowly walk on
> by...
> With the dawn came a light rain which would last all day.... mother
> nature was remembering too... for mother nature is no stranger to the
> passing of an era in the life of mankind...I heard some soft=20
> thunder roll
> in the distance as if angels were crying over simplier times coming to
> and end...
> Then the cw stopped and the sound of taps played once more and all was
> silent and I thought of BPL, could this be the final nail in=20
> the coffin
> of HF...
> I picked up my equipment and poled back home, tears streaming down my
> face...
> Displaced Cajun Lad
>=20
>=20
>=20
>=20
>=20
>=20
>=20
> Joel M Denison po box 542
> 7mill street Strong, Maine
> 04983 (KE1LA)
>=20
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
> -To unsubscribe, mail to majordomo@fpqrp.com, msg:=20
> unsubscribe fpqrp-1 -

>=20

Date: Tue, 21 Oct 2003 13:19:59 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159798] RE: Life after BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D2A@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> Now try to imagine the FAA unable to control a flight, or communicate =
with
> an airliner over the Atlantic=20

You don't have to imagine:

http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=3Dpdf&id_document=3D6514683399

This was from a handful of carrier-current devices that meet FCC limits =
operating in a neighborhood over a mile away. The devices operated on a =
single frequency. Now, imagine this operating on all spectrum over at =
least several MHz. Now imagine it in every neighborhood across an entire =
community or even state.

That's BPL. And note that the FCC was unable to help...

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =

<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Adam Farson [mailto:farson@shaw.ca]

> Sent: Tuesday, October 21, 2003 12:42 AM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Life after BPL

>=20

>=20

> Hi Rod,

>=20

> Heard a frightening BPL story from a ham friend in California=20

> earlier this

> month. A few years ago, there was an airliner coming in to=20

> land at a Swiss

> airport, presumably Geneva. There just happened to be a PLC=20

> (BPL) trial in

> progress in the Swiss/French border area which the plane was=20

> overflying.

> Apparently the aircraft's ILS failed, so the pilot tried an=20

> ADF approach.

> Unfortunately, the garbage radiating from the power lines=20

> screwed up the ADF

> receiver, with the result that the plane flew into a mountainside - no

> survivors.

>=20

> Now try to imagine the FAA unable to control a flight, or=20

> communicate with

> an airliner over the Atlantic (yes, they have satcom, but HF=20

> is always there

> as a backup); local public safety unable to use VHF low-band;=20

> the military

> unable to communicate on HF or on low-band VHF (30 ~ 75 MHz).=20

> Then think of

> the Coast Guard, unable to monitor 2182 for distress calls,=20

> and CIA or NSA

> unable to intercept bad guys anywhere in the 2 ~ 80 MHz=20

> range. We hams will

> not be the only ones in trouble.

>=20

> Next, visualise a scenario where a transatlantic airliner=20

> operated by a US

> carrier crashes due to BPL interference with its HF comms=20

> and/or ADF. Can

> you imagine the multiple class actions - against the FCC, the=20
> airline, the
> FAA, the aircraft builder, the avionics suppliers, the=20
> electric utility
> whose BPL emissions brought the aircraft down, etc. After the=20
> settlements,
> there wouldn't be enough left over even for a modest bribe,=20
> ahem, campaign
> contribution.
>=20
> Even worse: imagine a terrorist attack which goes down on US=20
> soil because
> BPL emissions from PEPCO jam the life out of Fort Meade MD,=20
> and as a result
> the NSA fails to intercept some critical intel. How will the parties
> involved in the deployment of BPL explain that to the=20
> (voting) American
> public?
>=20
> Cheers for now, 73,
> Adam VA7OJ/AB4OJ
>=20
>=20

Date: Tue, 21 Oct 2003 13:22:16 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159799] RE: Life after BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D2B@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> At a local club meeting tonight in northern Virginia, it was=20
> brought up=20
> about getting our "Tree Hugging friends" involved here. They=20
> are always=20
> going after the power companies about harmful radiation from=20
> the lines, so=20
> lets be sure they are aware of another source of radiation=20
> coming to a power=20
> line near you. Lets not tell them it is an all together=20
> different form of=20
> radiation, just that it is radiation.

Bad idea. First, it is a bad idea to try to convince anyone that levels = about 120 dB less than what amateur radio is permitted to generate is = dangerous.

Worse, these sorts of things are easy to refute, giving ammunition to = the BPL industry claims that the concerns of amateur radio are = exaggerated. The concerns raised by amateur radio must be legitimate and = be supported by sound science. Anything else harms us.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by = membership dues, individual contributions and the sale of publications = and advertising. For more information about ARRL, go to = <http://www.arrl.org/news/features/inside-your-league.html>. For more = information about membership, go to <http://www.arrl.org/join.html>. Your = contribution can also help support ARRL's ongoing efforts to protect = Amateur spectrum. Go to = <https://www.arrl.org/forms/development/donations/basic/> to learn more = about the ways you can support the ARRL programs and activities of most = importance to you. You can help ARRL protect Amateur Radio for you and = future generations to enjoy.

> -----Original Message-----

> From: Bill Rowlett [mailto:kc4atu@hotmail.com]

> Sent: Monday, October 20, 2003 10:55 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Life after BPL

>=20

>=20

> Well, as I understand it, life after is now. Under part 15,=20

> BPL can be=20

> activated. The companies are asking for more power, but under=20

> the present=20

> power limits, it can be activated. This is what is happening=20

> in the Manassas=20

> area of Virginia.

>=20

> At a local club meeting tonight in northern Virginia, it was=20

> brought up=20
> about getting our "Tree Hugging friends" involved here. They=20
> are always=20
> going after the power companies about harmful radiation from=20
> the lines, so=20
> lets be sure they are aware of another source of radiation=20
> coming to a power=20
> line near you. Lets not tell them it is an all together=20
> different form of=20
> radiation, just that it is radiation.
>=20
> Hay, nothing ventured, nothing gained. What tree hugging do=20
> gooder doesn't=20
> love a fight with the power company.
>=20
> So, at your next party, the one the xyl drags you too, drop=20
> BPL into the=20
> conversation.
>=20
> Those with elections in November, a well placed question to=20
> the candidates=20
> might be in order. You know, their stand on this added=20
> radiation from the=20
> power lines.
>=20
> Just food for thought, as we look for other sources of help here.
>=20
> 73, Bill kc4atu
>=20
> -----
> Need more e-mail storage? Get 10MB with Hotmail Extra Storage. =20
> <http://join.msn.com/?PAGE=3Dfeatures/es>
>=20
>=20

Date: Tue, 21 Oct 2003 13:24:31 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159800] RE: Life after BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D2C@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Rod,

The BPL noise I have heard, at S9-ish levels, occupied the entire band = pretty uniformly. The narrower bandwidth of CW will not help much, and = even if it does allow one to decode some of the higher-strength signals, = it would be so unpleasant that most people wouldn't bother.

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

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> -----Original Message-----

> From: Rod N0RC [mailto:rod@n0rc.us]

> Sent: Monday, October 20, 2003 8:34 PM

> To: Low Power Amateur Radio Discussion

> Subject: Life after BPL

>=20

>=20

> Folks,

>=20

> I'm not hopeful WRT to this BPL thing. In our society money
> speaks, and there seems to be a lot of money and big business
> behind BPL. With the assumption that BPL does go active, I ask
> what shall we do?

>=20

> 1. The obvious least desirable answer is to give up radio and
> find a new hobby. Let us not discuss this option.

>=20

> 2. CW QRP from home with compromise antennas. (attic etc.) I
> think this will be a case-by-case decision based on QTH

> conditions. From what is know so far, can we expect QRP signals
> to be heard? My personal feeling speaking with respect to my
> QTH--I'm doomed. :-)
>=20
> 2a. CW QRP from remote country locations. I think this will be
> one answer for myself. Fortunate for me I live in the American
> west, and can get to some nice remote locations in relatively
> short time. But if nobody can hear me....
>=20
> 3. Higher power CW with compromise antennas, again this will
> likely vary from one QTH to another. But thinking about some
> worst case scenarios what power levels may be required to break
> though the S/N ratio?
>=20
> 4. For those fortunate to have good outdoor antenna
> installations, what can be expected from QRP/QRO sigs.
>=20
> 5. My SWAG is that digital modes, PSK-31, and any other modes
> that can benefit significantly from DSP may be the answer.
>=20
> Can't speak much to SSB, I'm just not familiar enough with it.
> But it should be considered for those that enjoy that mode.
>=20
> Your thoughts....?
>=20
> 73, Rod N0RC
>=20
>=20
>=20
>=20
>=20
>=20

Date: Tue, 21 Oct 2003 13:31:37 EDT
From: K4BYF@aol.com
To: qrp-l@lehigh.edu
Subject: [159801] ozarkcon
Message-ID: <23.366cec85.2cc6c779@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone know how I can get on the mail list for OZARKCON announcements?

Date: Tue, 21 Oct 2003 13:39:22 -0400

From: "Howard Kraus" <K2UD@adelphia.net>
To: <John_Sandin@osca.state.mo.us>
Cc: <qrp-1@Lehigh.EDU>
Subject: [159802] Re: Newbie homebrew qrp transmitter update
Message-ID: <001c01c397fa\$43557cc0\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John,

Your progress sounds great on the solid-state xmtr. Guys, John is building a Doug DeMaw classic, "A Transistor 5-Watter for 80 and 40." It is simplicity in itself, and a super classic example of Doug's QRP work in the late 60's. Certain of the construction elements of this xmtr have been immortalized in subsequent issues of The ARRL Handbook (most notably the final heat sink design).

The cold-end of the coils is a bit confusing in this schematic, as B+ is being fed to it. This ususally is not the norm. The secondaries are wound over the "cold ends" to permit tighter coupling resulting in increased output power. Of course, more output power could be realized with a 28V supply as the article suggests. This is not difficult to build, I used a Stancor P-8661 24VCT @ 1A transformer in mine. This is a cheap and easy hamfest flea market find. A 2N3055 transistor in TO-3 case replaces the RCA 40251 (near impossible to find today) used as the pass transistor. With this arrangement I get about 32VDC which has not had a negative effect on the 2N2102's used in the xmtr.

Keep the list informed of your continued success with this xmtr, and when you get something in the air for 40M, I'd love to work you with mine. I also have a 7.125MHz xtal. Now that Radio Moscow is gone, it is a usable frequency once again! Take a look at www.qsl.net/ko4wx/Activities/fdim2001/fdim007.jpg.html for a look at mine (a bit rough on the pix, I'll take some and send them on in the future).

GL agn es 72

Howard Kraus, K2UD----- Original Message -----
From: <John_Sandin@osca.state.mo.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 21, 2003 12:43 PM
Subject: Newbie homebrew qrp transmitter update

> I was invited to provide more info as I worked on building and testing a
> 3-watt transmitter for 40 meters and 80 meters, which appeared in QST June

> 1967. I've done some more work and I'd like to share the results. Here's
> a web page that shows what I did.
>
> <http://www.kcnet.com/~oyster/transmitter/transmitter.html>
>
> The first version was built in a steel card-file box with a hinged lid for
> the chassis. Output was less than 1 watt, Q2 ran too hot, and the wiring
> was contributing to the problems. I never had any indication that anyone
> heard me. My antenna is a dipole for 40 meters, and it was only 7 feet
> high. I realize that's too low.
>
> Since then, I have replaced Q2 and rebuilt the transmitter using the photo
> in QST as a guide.
>
> I was able to use just the lid of my former assembly as the chassis,
> eliminating the etched circuit board, the bottom section of the file box,
> and all the excess wiring that I originally used. Q2's heat sink is
mounted
> on the top of the chassis. A 1/2" hole was drilled through the chassis to
> allow plenty of room to insert the transistor up through the chassis, and
> the heat sink is insulated from the chassis with polyurethane-based
caulk.
> The transistor fits snugly and I used heat sink grease. The transistor
> leads remain inside the chassis, and its case does not touch the chassis.
>
> If I had it to do over again, I would have used a more recent design. But
> it's evidently considered a "classic" design that's been thoroughly
> tested, so I figured I'd learn a lot.
>
> The good news: The transistor does not become egg-frying hot anymore. Now
> it's just barely warm. Everything else behaved exactly the same as before.
> So one by one, I began trying the suggestions about grounding and parts
> placement provided to me by the good people at rec.radio.amateur.homebrew
> and qrp-l. What seemed to help the most were the grounding suggestions; I
> moved several components' chassis connections to within an inch of Q2's
> emitter, and that seemed to help to increase the output and decrease the
> self-oscillation, which can now be eliminated via the variable caps for
the
> oscillator and amplifier stages (C1 and C2). I also realized how close the
> crystal was to Q2 in my original assembly, so I moved the crystal over
near
> the oscillator section, and that seemed to help, also. The chirp is still
a
> little bothersome, but the transmitter appears to be putting out around 2
> watts into a dummy load, sans lowpass filter.
>
> Then I rewound the toroids in the lowpass filter (the windings were too
> close together). The measured output was reduced when the filter was

> reconnected. I am measuring the output using a voltage meter across the
> dummy load, with a capacitor and diode in the measuring circuit, per an
> article by KC6WDK. The transmitter is on the same table as my Icom R71A
> receiver, so perhaps my receiver isn't a good indicator, but the signal
> appears to be twice as strong at 14.250 MHz as it is at the fundamental
> 7.125 MHz, despite the changes I've made to the lowpass filter. I'm not
> finished testing it yet. The cutoff frequency might be too high. I'll be
> arranging for someone to listen on the air soon. My troubleshooting and
> testing skills are pretty primitive, but I've learned a lot from working
on
> this project and from others who offered advice.
>
> I also moved the secondaries of both coils, which are supposed to be at
the
> "cold" end of the primaries. I was confused about the term "cold end". I
> originally thought that meant the end closest to the variable cap, and
> that's the way it was in my original assembly. "Cold end" must be a
> common-knowledge type of term. I found only two references online that
> attempt to explain it, both in Usenet, and both confusing. Output has
> increased by about 40 percent since I moved the secondaries to the
opposite
> ends of the primaries. I am still not sure about what the "cold end" is
for
> the coils in this circuit (can anyone enlighten me?) One of the responders
> told me it was the end closest to 12 volts DC. That didn't make sense to
> me, but I moved the secondaries anyway, and got better results.
>
> I found a Micronta SWR Tester/Field Strength meter at a garage sale for 50
> cents, and it seems to work. I am looking for a manual, because I'm not
> sure how to calibrate and use it. But my most useful test will be getting
> an RST report on the air, at the fundamental and the harmonics. Next step
> will be to get another local ham to listen, or separate transmitter and
> receiver by a few miles and coordinate a test with a helper. All this, of
> course, after I raise the dipole much higher. I want to make sure that
> I'm not dirtying up the airwaves before I start pounding out CQs, etc.
>
> John KC0QWE
> My e-mail address is (remove the "T"):
> John_S_Sandin@Tosca.state.mo.us
>
>

Date: Tue, 21 Oct 2003 13:44:06 -0400
From: "Larry Spinner" <n2icz@hotmail.com>
To: johndorson@worldshare.net, qrp-1@Lehigh.EDU

Subject: [159803] Re: BPL
Message-ID: <Law10-F41tI9dm5UxP9000152d0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

John,

I live in the next town over from one of the BPL test areas, Briarcliff Manor, NY. The Briarcliff Police Department (Town of Ossining) is the test subject. Last Saturday I took the 706, packed it in the car, stuck a mag mount on the roof and drove around and near the police station. I did not notice any interference. I also noticed, there were NOT any overhead power lines through the center of town. My little "test" is, I am sure, NOT scientific by any means. The BPL system could have been off, the test could have ended, I could have been driving around in the wrong area, I don't know. Ed Hare's methodology is more accurate. After seeing AND hearing his results on the ARRL website, I was disheartened to say the least with regard to the amount of interference this technology causes.

What I'm seeing now are new articles coming out showing that the "interference outcry" is beginning to be heard. Check out the following link. In it it shows that the technology does not have to utilize the frequency spectrum we most use for HF (qrp) activity... This may indeed be a negotiating point, if we as hams can negotiate at all.

<http://www.hard-core-dx.com/index.php?topic=plc>

Larry
N2ICZ

>From: "John" <johndorson@worldshare.net>
>Reply-To: johndorson@worldshare.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: BPL
>Date: Tue, 21 Oct 2003 06:29:42 -0400

>

>I have, like many others, been following the BPL posts on the list for some
>time now and have one question. Maybe it has been answered before and I
>missed it, but, in the few areas that have BPL running has anyone actually
>experienced the interference to HF as we have all heard about.

>

>Thanks.

>

>John K2JHU...

>

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Date: Tue, 21 Oct 2003 10:48:45 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159804] BLT Cancel my want
Message-ID: <007401c397fb\$93bedb10\$04861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank all who responded for my want ...I do have one now...Thank you for the
BW 73's John KF70M

Date: Tue, 21 Oct 2003 14:07:11 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [159805] Re: ozarkcon
Message-ID: <200310211407.12990.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

>Does anyone know how I can get on the mail list for OZARKCON announcements?

I think you are there.

John W2AGN

Date: Tue, 21 Oct 2003 14:32:07 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <n2icz@hotmail.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159806] RE: BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A902511D36@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Larry,

Was this the police department in the light-industry area, right near =
the substation and the now-closed old A&P supermarket? The map is =
centered on it:

<http://www.arrl.org/~ehare/bpl/ex.html#BCM> - Please do not distribute =
this URL.

In that area, if the system were up and running, it would have been loud =
and clear. To my knowledge, they have not made the changeover to new =
spectrum yet, although that is possible.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: Larry Spinner [<mailto:n2icz@hotmail.com>]

> Sent: Tuesday, October 21, 2003 1:44 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: BPL
>=20
>=20
> John,
>=20
> I live in the next town over from one of the BPL test areas,=20
> Briarcliff=20
> Manor , NY. The Briarcliff Police Department (Town of=20
> Ossining) is the test=20
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> AND hearing his=20
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>=20
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> "interference outcry" is beginning to be heard. Check out=20
> the following=20
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> This may indeed be=20
> a negotiating point, if we as hams can negotiate at all.
>=20
> <http://www.hard-core-dx.com/index.php?topic=3Dplc>
>=20
> Larry
> N2ICZ
>=20
>=20
>=20
>=20
> >From: "John" <johndorson@worldshare.net>
> >Reply-To: johndorson@worldshare.net

> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Re: BPL
> >Date: Tue, 21 Oct 2003 06:29:42 -0400
> >
> >I have, like many others, been following the BPL posts on=20
> the list for some
> >time now and have one question. Maybe it has been answered=20
> before and I
> >missed it, but, in the few areas that have BPL running has=20
> anyone actually
> >experienced the interference to HF as we have all heard about.
> >
> >Thanks.
> >
> >John K2JHU...
> >
>=20
> -----
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>=20
>=20

Date: Tue, 21 Oct 2003 11:43:58 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'John_Sandin@osca.state.mo.us'" <John_Sandin@osca.state.mo.us>
Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [159807] Re: Newbie homebrew qrp transmitter update
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734CEE@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

>I am still not sure about what the "cold end" is for
>the coils in this circuit (can anyone enlighten me?) One of the responders
>told me it was the end closest to 12 volts DC. That didn't make sense to
>me, but I moved the secondaries anyway, and got better results.

I agree that the term can be confusing.

The "cold" end of a coil refers to the end that has the least RF on it.

This is usually easy to figure out by looking for one of two things:

- One end of the coil is grounded. The grounded end is the "cold" end.
- One end of the coil is bypassed to ground via a high value decoupling

capacitor.

With solid state stuff, this is normally a 0.1 uf cap. It might be a smaller 0.01 uf with a tube design. This bypass cap places an AC RF short to ground at that point, making it the RF "cold" end of the coil, even though it may be the end that is where the DC power is connected to.

- Dan, N7VE

Date: Tue, 21 Oct 2003 13:34:47 -0600
From: "Ron Pyle" <raple@gwtc.net>
To: <kwike@gdls.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159808] You're all failing in BPL....
Message-ID: <06d301c3980a\$63402930\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm new to Ham radio. Just finding out about this BPL, and the Amateur Radio Spectrum Protection Act.

I want to let you all know that sending emails is failure to get through. Your elected officials pretty much ignore email. If you want to impress your elected officials; You MUST send a hand written letter, or make a phone call. And the letter must be hand written. This is what impresses your elected officials.

I just called both my Senators offices. Neither office had even heard of BPL. I had to explain it to them. I think this is sad.

I also sent a hand written letter to both. But due to security at the post office. I'm afraid they might not get through before this bill comes up. So I called, also.

People....quit sending emails....they fall on deaf ears.

Ron
KC0QXU
FP-682

Date: Tue, 21 Oct 2003 16:39:31 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <raple@gwtc.net>
Subject: [159809] Re: You're all failing in BPL....
Message-ID: <007801c39813\$6e6fb100\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think this is bad advice ... this may have been true once, and it may be true for some congresspersons, but in general, our elected representatives aren't so mired in the past that they can't see the advantage of technology. I suspect many of those who were resistant got a lot less resistant with the anthrax scare.

I have had a number of email exchanges with my congressman, and his responses have indicated that he read them, and answered personally. Our local guy is honest enough to even tell me he disagrees with me on some issues, and why. I may not like his position, but I sure appreciate his honesty, and I really appreciate his taking the time to respond to my arguments, even if it is to counter them. Years ago he would respond by email, and send the same response by snail mail. He has since stopped the snail mail duplicate.

Might be different with senators who have a bunch more constituents. But even they have staff who at least count which issues are getting support and which aren't. They can get those counts a lot more quickly with email than snail mail. I can't imagine they would prefer to waste their time handling floating pieces of paper (although there are a few dinosaurs in the senate, so maybe some of them...)

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Ron Pyle" <raple@gwtc.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 21, 2003 3:34 PM
Subject: You're all failing in BPL....

> I'm new to Ham radio. Just finding out about this BPL, and the Amateur
Radio
> Spectrum Protection Act.
>
> I want to let you all know that sending emails is failure to get through.

> Your elected officials pretty much ignore email. If you want to impress
your
> elected officials; You MUST send a hand written letter, or make a phone
> call. And the letter must be hand written. This is what impresses your
> elected officials.
>
> I just called both my Senators offices. Neither office had even heard of
> BPL. I had to explain it to them. I think this is sad.
>
> I also sent a hand written letter to both. But due to security at the post
> office. I'm afraid they might not get through before this bill comes up.
So
> I called, also.
>
> People....quit sending emails....they fall on deaf ears.
>
> Ron
> KC0QXU
> FP-682
>
>

Date: Tue, 21 Oct 2003 14:50:12 -0600
From: "Ron Pyle" <raple@gwtc.net>
To: "John J. McDonough" <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159810] Re: You're all failing in BPL....
Message-ID: <075801c39814\$ec2f0c20\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I can't imagine they would prefer to waste their time handling
> floating pieces of paper

May I humbly ask if you considered that this is one of the reasons paper
mail is effective? Act on the constituents interests, and the mail blizzard
stops.

Please consider.....the NRA knows what they're doing.

RonP

KC0QXU
FP-682

Date: Tue, 21 Oct 2003 16:51:01 -0400
From: Steve.Lawrence@ITWFEG.COM
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159811] PowerFilm Solar Panels
Message-ID: <OFF8EB8570.2D1F05DC-0N85256DC6.007243CA-85256DC6.00728723@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Anyone try these flexible solar panels in the field?

<http://www.iowathinfilm.com/products/rollableseries/index.html>

They look intriguing for recharging small portable field radios, perhaps
lashed to the outside of a backpack...

Steve
aa8af

Date: Tue, 21 Oct 2003 22:18:40 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [159812] Sunspot
Message-ID: <5.2.1.1.0.20031021221339.01de18f0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Thanks to the individual that posted the surprise sunspot that is
causing all the problems or not.

I have a set of plastic glasses that came with an issue of
Astronomy magazine for observing a solar eclipse some time
back.

At sunrise this a.m. I looked and sure enough you can see the
critter. It was at the lower 1/4 of the disc. I just looked at it

again (2115UTC) and the spot was on the left hand side.
Then I remembered some fundamental astronomical fact
that the disc appears to rotate as it crosses the southern
sky. Neat stuff.

I have been on 40m the past few nights. Even worked a few
people when I was at 100mW and thought I was at 1W.
Trouble with multiple scales on the OHR WM-2 when you
aren't paying close attention. The sunspot doesn't seem to
being too much damage, but then I haven't tried 20m or above
either.

Hopefully in ten days this problem will disappear or I'm spending
\$400 for a trip for nothing..... :-)

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Wed, 22 Oct 2003 01:33:53 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: G-QRP <gqrp@yahooogroups.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [159813] xtals wanted
Message-ID: <12410057604.20031022013353@lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Friends!

WANTED: xtals for QRP-freq's:
7030 or 7040 kHz - 2 pieces
10106 kHz - 1
14060 - 1
Total - 4 pieces
Very need and very quick. I will pay by cash \$\$.

Wish you all the best!
72! de RV3GM Oleg V. Borodin <mailto:master72@lipetsk.ru>
RU-QRP Club <http://ruqrp.narod.ru>

=== In QRP We Trust! ===

Date: Tue, 21 Oct 2003 17:40:34 -0400
From: "n3drk" <n3drk@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159814] Letter from my Senator
Message-ID: <027501c3981b\$f5e6d2f0\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Yesterday I received a letter from Senator John Edwards. I called his office about 2 weeks ago and spoke to the personel in his office explaining the BPL issue pending at the FCC. They advised me He was not aware of any issue in this regard. I scanned the letter in the hope of putting it as a file on these reflectors so all could see but it was deleted thinking it was spam.

Does anyone know how I can post this letter so all can see his response? As you know Senator Edwards is a Democratic Candidate running for President. This was no normal form letter they use but Senator Edwards signed it personally. It shows he was not aware of this BPL issue in the works.

Let me know how I can bring it for all to see.

73's
john

Date: Tue, 21 Oct 2003 14:52:24 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Paul Maciel" <ak1p@amqrp.org>
Subject: [159815] Bouncing emails
Message-ID: <03e401c3981d\$9cad9140\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It seems that our school email system is bouncing emails due to our spam filter. Here is a list of reservations for the QRPacificon 2003 Compendiums

that I have received so far. Please check this list and if you are not on it, please send an email to Paul Maciel at ak1p@amqrp.org. Thanks, Doug

If you missed it, we are taking orders to print another short run of compendiums, at \$12 each. You can order via paypal on the amqrp.org web site, or you can send me a check at:

Doug Hendricks
QRP Compendium Offer
862 Frank Ave.
Dos Palos, CA 93620

Orders must be in by Nov. 3. Please send an email to ak1p@amqrp.org to confirm that you have sent an order in. Thanks, Doug

Now, Here is the list as I have it:

Dennis Farrell
Frank Henrikson
Jim Larsen
Arthur Tan
Steve Ratzlaff
Darrell "Herb" Swenson
Gary Hanson
Steve Wells
Jim Sheldon
Garey Barrell
Hal Bergenson
Erwin Conrad
Bill Kelsey
Gene Melton
Nick Kennedy
Ron Hambric
Basil Rabinowitz
Brian Olson

Date: Tue, 21 Oct 2003 15:01:40 -0700 (PDT)
From: Mr Mike Caughran <kl7r@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [159816] Re: homebrew paddles
Message-ID: <20031021220140.36907.qmail@web40408.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You can build a set of micro BullDog paddles
using 3 paperclips and two small chips of circuit

board.

<http://www.geocities.com/k17r/files/microbulldog.jpg>

Or you can use the left and right buttons of an old mouse.

Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Tue, 21 Oct 2003 17:6:48 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [159817] Winter FOX Update
Message-ID: <4120031022122648658@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Because of some technical difficulties the Winter FOX season web page is not quite available. Sorry for the delay. We anticipate that it will be up and running shortly.

But here is the schedule again. NOTE that it is only *one week* until the season gets underway :-)

Week	Month	Tues (USA)
I	Oct	28 Mert W0UFO MN / Wayne W5KDJ TX
II	Nov	4 Tom AC7A AZ / Craig VE4WI AB
III	Nov	11 Tim KR0U CO / Jeff K0UU MN
IV	Nov	18 Rick W0IS MN / Lloyd K3ESE MD
V	Nov	25 Jerry W0PWE IA / ET N1FN CO
VI	Dec	2 Karl K5DI NM / Tom KV2X NY
VII	Dec	9 Ron W8RU MI / George K5TR TX
VIII	Dec	16 Mark K2QO NY / Dave N0IT MO
IX	Dec	23 Al K2ZN NY / Dan N7CQR OR
X	Dec	30 Mike KD5KXF TX / Pat K0PC MN
XI	Jan	6 Mert W0UFO MN / Wayne W5KDJ TX

XII	Jan	13	Tom	AC7A	AZ	/	Craig	VE4WI	AB
XIII	Jan	20	Tim	KR0U	CO	/	Jeff	K0UU	MN
XIV	Jan	27	Rick	W0IS	MN	/	Lloyd	K3ESE	MD
XV	Feb	3	Jerry	W0PWE	IA	/	ET	N1FN	CO
XVI	Feb	10	Karl	K5DI	NM	/	Tom	KV2X	NY
XVII	Feb	17	Ron	W8RU	MI	/	George	K5TR	TX
XVIII	Feb	24	Mark	K2Q0	NY	/	Dave	N0IT	MO
XIX	Mar	2	Al	K2ZN	NY	/	Dan	N7CQR	OR
XX	Mar	9	Mike	KD5KXF	TX	/	Pat	K0PC	MN

FOX Alternates = Ron N8VAR (OH), Bob KB2FEL (WV), Doc K0EVZ(NM)

There will be two hunts each evening. They will each last two hours, from 0200-0400Z (ie, early on Wednesday, Zulu-time). All hunts will be on 40 Meters, and the two FOXes will try to set up at least 2 Khz from each other. Each FOX will run the full five watts, to give the hunters the best possible shot at bagging pelts.

So now is the time to get ready! Tune up your rigs and antennas and join in for some tremendous fun. I can hardly wait to get started.

73,

--Doc/K0EVZ for the FOX committee = Lloyd K3ESE, Tom N1TP, Marshall N1FN, Bruce VE5RC<<

End of QRP-L Digest 3080
